

FINANCIALTI

Monday April 17 1978



rkets Bologna rain crash xills 45

udget vote

Japan's trade in record surplus

balance of trade surples ast month of \$2.455 hr. Accords to talk surples and the plan is to enforce it in both the public and private sectors.

The controversial contract Government's main objective in the current round to 7 per cent. In the current round to 7 per cent. In the controversial contract of the Government's main objective in the current round to 7 per cent. In the current rou veral more victims could be Corrière Della Sera newspaper Corrière Della Sera newspaper IMF-based figures will be pub-s called for decisive action to lished to-morrow, which will sure that rail tracks are give a more detailed picture.

decided that peace proposals already party meeting in Paris. to day reconciled to the almost certain that sa reconciled to the almost certain last A check round. The Resolution, which calls for draw together developed and ment with the TUC. Unlike last round. The face of the world alump in this seek a formal deal with the stress to unions, since the would risk a retail to the since of the world alump in this seek a formal deal with the stress to unions, since the would risk a retail to the stress to the stress to the stress to the since the would risk a retail to the almost certain that sa check round. d that peace proposals already ered for the West Bank con-

Government is increasingly economic cooperation, with fargradident of winning the first reaching implications for the
minons vote on the Budget reaching implications for the
commons vote on the Budget reaching implications for the
conomic development of Unster
conomic spokes
an stressed vesterday that
report setting out areas for joint
action is being studied by Mr.
Callaghan and the Irish Prime
Minister. Back and Page 5

neral Zia-ul Haq left Pakistan nonneed a film package of sterday for Saudi Arabia Government measures to provide lere king Khaled is expected jobs in South Wales, following ask for clemency for Mr. the closure of steelmsking at nutto, the condemnee former Robw Vale next month. Page 9 kistan Prime Minister. Page 2

dian Prime Minister Desai BL Workers seek

ant at Aboaig, Saudi Arabia.

thefs and chambermaids, are on rike.
In inquest will open to-day into

ae death of a youth found anged in Risley remand centre. has been the most important reminm Bond £50,000 weekly achievement of the past four rize won by bond number 1PB years, Mr. Anthony Wedgwood 27780.

Benn has said. Back and Page 6

tore than 150 people were killed then a tormado swept through the National Enterprise is Indian state of Drissa.

Board should be prevented from the National Enterprise Board should be prevented from the Contributing funds to the Contributing to the Contributing funds to the Contributing to the Contribu

'agistrates' court to-day.

obel Peace Prize winners Betty asked for a Fair Trading investi-/Ulfams and Mairead Corrigan asked for a Fair trading investi-re to stand down as leaders of Burgans of Change, which, an re to stand down as leaders of Bureaux de Change, which, an te Northern Ireland Peace MP claims, are offering rates of fovement. world-wide hunt was on last out of line with those quoted by

world-wide hunt was on last ight for Joyce Mckinney and authorised banks.
Leith May who face charges of idnapping Mormon missionary BNOC's Thistle Field has lirk Anderson. They have not started to supply oif for the first een seen since Wednesday.

Irganisation of Petroleum reaching the Conoco refinery on the Humber. More than a third of the oil precessed at the resecting in Taef, Saudi Arabia, in May 6.

'arliament is to be asked to SPILLER'S bakery staff, to approve research to prevent be made redundant by the noring. Mr. Robert Aldye, Tory group's decision to cease baking AP, said that loss of sleep for bread, are to try to buy 35 shops norers' partners threatened in Norfolk and Suffolk from the calib, bannings and work. company. Page 4

Average earnings limit of 7% is aim in next pay round

BY PETER RIDDELL, ECONOMICS CORRESPONDENT

An increase in average earnings of 7 per cent. should soon emerge as the JAPAN turned in a record specific Government objective for the next pay round starting in the summer,

politically damaging rebuff.

month interval between pay into account tax cuts.

cent. guidelines. With the retail settlements and not openly The proposed slow down in the price inflation rate now well oppose government policy.

This support is libely to be the retail account tax cuts.

cent. guidelines. With the retail settlements and not openly the proposed slow down in the within single figures, and ex-

The Japanese Ministry of International Trade and Industry of Industry of International Trade and Industry of Indus

drawal of official aid, believing that sanctions against companies last August were an important check at the beginning of the

stress that, by the early summer, be published after the Budget, retail prices should be rising at Ministers still hope that the so acceptance of the official pay to point out that the large TUC will support a continuation target will allow a rise in the majority of big pay settlements of the rule maintaining a 12-standard of living after taking have been within the 10 per month interval between a 12-standard of living after taking have been within the 10 per month.

This support is likely to be the range of 13 to 14 per cent in

in retail prices of 8 per cent in the coming year.

Cash limits

The Government's cash limits in the public sector also reflect these pay assumptions, though the financial year and pay policy year are not coincident and many key public sector settlements come late in the financial year.

Pay rises of between 6 and 10 The Government is unreprinted the cash limit blocks, with an average towards the specific and 10 per cent, have been assumed in fixing the cash limit blocks, with an average towards the specific and 10 per cent, have been assumed in fixing the cash limit blocks, with an average towards the specific and 10 per cent, have been assumed in fixing the cash limit blocks. end of the range.

Michael Blanden writes: The progress- of the Government's present pay policy will be illus-trated this week with the latest figures for average earnings in The Government campaign will the first set of pay statistics to

Continued on Back Page

Mugabe seeks Marxist one-party state

alleges that an article nave said that he wished to see a false and damaging impression from formal wage bargain on the false and damaging impression from formal wage bargain ing. Unfettered by Government ing. Unfett

He acknowledged that these objectives were Marxist ones. The Patriotic Front has already committed itself to pre-indepennce elections and there are

Foreign Minister. They aimed at Salaam with the Patriotic mixing oil and water."

dissuading him from supporting Front centred on the disposition Mr. Nkomo claimed that the Rhodesia's internal settlement.

Mr. Botha responded by pledging in the transition to independence, towards the U.S. and U.K. "as ing continuing support for an The Front conceded that Lord far as we could, but the move-internationally acceptable settlement in Rhodesia.

More Rhodesia news Page 3

wanted a one-party Marxist State Salisbury to agree to attend all- keeping force during this time. involving dockers, road hauliers and other groups, to persuade in Rhodesia.

"We believe sincerely that a decision to close its TR7 multi-party system, unless it is porty to agree to attend all-keeping force during this time.

Sausoury to agree to attend all-keeping force during this time.

Future, his statement is as positive as expected by the Western that the U.S. and U.K. are most envoys. Diplomatic sources in unlikely to meet. These included a particularly desired by the Pretoria see the implication as a demand that the guerilla forces being that the internal settle remained "active" during this time.

dispute in the pre-independence arrangements.

In Salisbury the transitional Government—and not Mr. Smith
—bas selected the nine-man team of three whites and gix blacks to meet Dr. Owen and Mr. Joshua Nkomo, joint leader of the Patrioty indications that Mr. Joshua —bas selected the nine-man Nkomo's wing of the alliance team of three whites and six would wish to dissociate itself blacks to meet Dr. Owen and Mr. from Mr. Mugabe's remarks

Vance to-day. Over the week-end, two of Mr. Smith's colleagues in the Government. Bishop

is pledged a full inquiry into national action

ports that an American American

profits that an American American

MR. ROBERT MUGABE, the cowhile he declined to advise executive power over the police

seen lost in the Himalayas and
press TGWU officials for a comade it clear yesterday that he
contaminate the River ordinated national programme in could be a United Nations peaceordinated national programme Santes a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military, and that there
was a contact of the Patriotic Front, publicly the leaders of the in- and military.

people, is a luxury in a State.

The should concentrate on ment falls short of the necessary transition, and that the guerilla forces being that the internal settle remained "active" during the remained "active" during the remained "active" during the remained at the transformation international recognition for a council should be weighted in falls and damaging impression at the hotel, where the hotel, where the policies are the implication as a demand that the guerilla forces being that the internal settle remained "active" during the transformation international recognition for a council should be weighted in favour of the Patriotic Front.

The Anglo-American team and that the guerilla forces being that the internal settle remained "active" during the transformation at the transformation at the transformation and that the guerilla forces being that the internal settle remained "active" during the transformation at the remained "active" during the transformation at the falls short of the necessary transition and that the guerilla forces being that the internal settle remained "active" during the transformation at the falls short of the necessary transition. The Anglo-American team and that the guerilla forces being that the internal settle remained "active" during the transformation at the falls short of the necessary transition. The Anglo-American team and that the guerilla forces being that the internal settle remained "active" during the transformation at the falls short of the necessary transition. The Anglo-American team and that the guerilla forces being that the internal settle remained "active" during the transformation at the falls short of the necessary transition.

The Anglo-American team and the falls short of the necessary transition and that the guerilla forces being that the internal settle remained "active" during the falls short of the necessary transition.

parties to the Rhodesian persuaded to exert pressure on the new Salisbury tion, it is expected that Mr. Smith and the nationalists will once more pour cold water or

Front, said on his return from the talks with Dr. Owen and Mr. His statement came as Dr. two of Mr. Smiths conteagues in the talks with Dr. Owen and Mr. David Owen, the Foreign Secretary of State, prepared to go to Salisbury after talks with Mr. Pic. Botha, the South African Discussions earlier in Dares proposals were "as difficult as Discussions earlier in Dares proposals were "as difficult as

Price Commission expected to sanction bank charge rises

BY MICHAEL BLANDEN

gest other changes, including pos- secret.

money transmission services. These cover the handling of breakdown,

RISES IN bank charges are In conducting its examination tigation of increases in charges likely to be sanctioned in a the Commission has been drawn proposed by Barclays Bank for major Price Commission report into looking at other aspects of certain nationalised industries. expected to be published this the banks' operations as they in that report the Commission week, but important questions relate to the charges made for said specifically that "we reserve

The Commission's examination as important to its understand-The Commission's examination as important to the structure of charges. of the structure of charges with the charges they levy on But it is believed to have elicited from the banks only a global figure rather than an individual

These cover the handling of cash and cheque transactions and other aspects of the banks series interest income and bank • Rises in bank verdraft rates interest income and bank • Rises in bank verdraft rates interest income and bank • Rises in bank verdraft rates interest income and bank • Rises in bank verdraft rates interest income and bank • Rises in bank verdraft rates charges. Strictly speaking, these are likely this week, after the are separate points; but the increase in the Bank of commission has recognised that England's Minimum Lending opportunity to put forward a bank may make a useful profit Rate from 6½ to 7½ per cent. They have maintained that the customers' account even if the As the money markets fall into They have maintained that the customers' account, even if the As the money markets fall into rates at present paid by custo- commission charges made for line, there will also be continued mers fall substantially short in handling the business do not concern over the performance of

The report could bring prest the provisions made by the assessing money transmission sure on the banks over the distance of their provisions are averaged over a period of taken of interest income."

Sau specifically that we reserve to our examination report our conclusions as to whether, but assessing money transmission banks over the distance of their provisions are averaged over a period of taken of interest income."

Another specific point which gest other changes including nossesseret.

will be covered is the proposal gest other changes, including pussibly the payment of interest on The Commission is understood by the banks to make a charge to have regarded these figures for holding cash on behalf of customers. This again arose in relation to

the Barclays investigation and conclusions to the report on its broader examination because of

many cases of covering the cost cover its cost.

the foreign exchange and giltof handling the business, and it The issue was raised in the edged markets after last week's
is likely that the Commission more limited report published initial adverse reaction to the
will accept this point in general earlier this year after the inves- Budget measures.

CONTINENTAL SELLING PRICESI AUSTRIA SCA.12: RELGIUM Fr.25: DENMARK Kr.3.5; FRANCE Fr.3.6: GERMANY DMZ.0; ITALY L.500; NETHERLANDS FL2.0; NORWAY Kr.3.5; FORTUGAL Sec.20; SFAIN PIESAD; SWEDEN Kr.3.25; SWITZERLAND Fr.2.0; EIRE 15p Italian parties in Moro dilemma

By Dominic J. Coyle and Paul Betts

ROME, April 16
ITALY'S MAIN political
parties, including the Communists, have been thrown into
a state of uncertainty by the
ultra-Left Red Brigade terrorist group's statement that
Sig. Aldo Moro, the former Prime Minister, had been found "guilty" by a so-called peoples court and "sentenced to death."

Leaders of the roling Chrismanists held emergency meetings here to-day and, although ro-affirming that there could be no formal political deals with the terrorists, the emphasis has moved perceptibly towards "using every pos-sibility on humanitarian to save Sig. Moro's

There remain, however, condoubts in some Christian Democrat circles as to whether Sig. Moro, the Party president, is still alive. He was kidnapped exactly a month ago in a bloody ambush, in which five policemen died.

He was driving to Parliament to attend a confidence motion sanctioning a complex deal between his party and the Communists, bringing the latter into the Parliamentary majority for the first time in majority for the first time in about 30 years.

The Red Brigade's com-munique, delivered simul-taneously in Rome, Milan. Turin and Genoa late last night, said: "The interroga-tion of Aldo Moro is over. He is obviously guilty and has been sentenced to death."

Contacts

It did not mention any compromise formula to save his life, although earlier com-muniques did hint at his pos-sible release in exchange for a number of terrorists on trial er in prison.

The Christian Democrat leaders, supported strongly by the main political parties, have insisted that it will not consider seriously such an contacts are said to have taken place with the Valican on such possibility.

It is understood that details of last night's communique were given to Pope Paul, who had earlier made a public plea for the release of Sig. Mora, a personal friend for more than 30 years.
Sig. Giulio Andreotti, the
Prime Minister, who attended

this morning's meeting of the party leadership, also had a private meeting to-day with Sig Giovanni Leone, President

Wall Street merger may be probed

BY JOHN WYLES IN NEW YORK, JOHN WICKS IN ZURICH AND NICHOLAS COLCHESTER IN LONDON

ONE OF the most important mergers yet to have occurred latest in a string of mergers in Wall Street, Merrill Lynch, forced on Wall Street by poor Pierce Fenner and Smith's \$50m. trading conditions in the equity cash purchase of White Weld and fixed income markets, and

Announced with a minimum The largest marriage so far. of fuss late on Friday after between Dean Witter and Reynoon, the deal will arouse some noids Securities created a new noon, the deal will arouse some holds securities entity at the start of this year, industry, where Merriti Lynch is with a capital of around \$150m. already by far the largest U.S.

This aroused the interest of brokerage company, with a the Department of Justice Anticapital worth as great as the Trust division, but no action was a start of the property security taken after a close investigation.

In Europe, the deal will lead ment has not challenged any to complicated negotiations over combination in the U.S. Securithe future of Credit Suisse ties industry, and those involved White Weld, a major European in recent mergers have argued investment bank.

Floating in quasi-independ time with Merrill Lynch.

The state is and time with Merrill Lynch.

One who is definitely staying on its Mr. Paul Hallingby Jr., to play more than a passive role heromes vice chairman of in determining its future under in determining its future under the new circumstances.

Last night, its directors were discussing alternative courses of action. The company is one of the top ten managers in the international capital markets.

Mr. John Craven the deputy charman of the executive committee of the CSWW holding company, predicted that the new mentagers in the discussion of the executive committee of the CSWW holding company, predicted that the new domestic and seven overseas sales, offices staffed by 500 account executives. These numbers will

set-up would be clear within offices staffed by 500 account a fortnight.

He explained that side be a modest addition to Merrill CSWW's 30 per cent. stake in White Weld had been one of the keys to Merrill Lynch's investment. CSWW had been able to assure itself in advance, in Lynch has expanded its world inconsultation with Credit Suisse, vestment banking operations and

Merrill Lynch's international CSWW.
Investment banking operations lis present ownership is Credit

article on Page 20.

The deal in New York is the

and Company, looks likely to be by the abolition three years ago the target of a Department of fixed commissions on institu-Justice Anti-Trust probe. tional transactions.
The largest marriage so

next four or five largest securi-ties firms combined. taken after a close investigation. In recent years, the Governin recent mergers have argued that neither should it do so, Credit Suisse general management told the Financial Times industry results largely from action inspired by the Congress discuss co-operation with Merrill

discuss co-operation with Merrill Lynch through Credit Suisse White Weld, but any agreement would depend on Credit Suisse retaining control over CSWW.

Should it prove impossible to reach agreement, Credit Suisse can use its option to buy out the former White Weld holding in CSWW of 30 per cent. Credit Suisse already has 47 per cent.

Many of White Weld's 2,000 employees were surprised by the Congress and the Securities and Exchange and the Securities and the Secur

of CSWW is itself an estimated announcement and some may be sufficient as a result of the richtms of the consolidation. Sale to Merrill Lynch of its own sale to Merrill Lynch of its own sold be expected to consolidation. The constant is consolidation and some would be expected to consolidation. employees were surprised by the

Merrill Lynch. Pierce Fenner and Last night, its directors were Smith. The While Weld name

to assure itself in advance, in Lynch has expanded its world inconsultation with Credit Suisse, that there would be a favourable outcome. "We are sitting tomfortably." he said.

Nevertheless, because of the speed with which the Merrill Lynch—White Weld deal had been brought together, it proved impossible to sort out the international consequences in advance.

Lynch — White Weld deal had been brought together, it proved impossible to sort out the internation of these aims with water those of Credit Suisse White wance. that is the problem in discus-Craven suggested that sions over the future status of

might now be vested in CSWW. Suisse 47 per cent., Merrill But he added other possibilities Lynch 30 per cent. the Ludwig that are explained in a separate Institute for Cancer Research and article on Page 20.



Somewisewords on office typing from Olympia.

The glamorous, prestigious golf ball type-writer. Or the versatile, highly-developed typebar machine. Which should you choose for your

Olympia say: get the right one for the Job. And Olympia should know. We produced our first single element, 'ball

machine way back in 1903. We've made typebar machines for nearly as

Today we offer you the widest, most technologically advanced range in both systems to cover every word processing purpose.

Better Business Machines

POST NOW-NO STAMP NEEDED Olympia Business Machines Co. Ltd., FREEPOST, London NW1 1YB.

FT. 81.

For specialised jobs that need varying type-

For all general office work, however, you can't

styles, there's our new SGE77 golf ball, it has auto-

matic silent paper feed, dual pilch selector and a

beat Olympia typebar electrics. A whole versatile

special keyboards. Some have correcting systems.

So when you choose, think of the job. And

family, with options like four carriage widths and

All are notably quiet. And femously dependable.

whatever the need, your best choice is Olympia.

built-in correction system.

Olympia Business Machines Co. Ltd., 203/205 Old Marylebone Road, London NW1 508. Telephone: 01-262 6788.

re disappearance of £100,000 contributing funds to the Conre disappearance of £100,000 contributing funds to the Conred disappearance of £100,000 contributing fund

ealth, happiness and work.

CONTENTS OF TO-DAY'S ISSUE 2 Arts Page :...

Technical page 8 Mining Notebook

Executive's and Office World 11 Eurobond column

FEATURES Oil states' industrial plans 14 Micro Electronics: The chips

World trade news

Home news-general 45

are down in Europe 33 Top Management are Blind to the outside World ... 11 International Retailing .. 37-42

World Econ. Int. ...

Rate Londing Rates

Schwin Brech:

Gibbons Dudley ...

John (, Jacobs

James Wilkes

U.K. companies

Foreign Exchanges

Saudi Arabia II ...

International companies ... 35

World Econ. Ind. ...

For latest Share Index 'phone 01-246 8026.

Partlament Dlary .

Japan's trade surplus at new record

BY CHARLES SMITH, FAR EAST EDITOR TOKYO, April 16.

Japanese fiscal year. The plan with the U.S., and a \$4.6bn. surblus already been extensively plus with the EEC. Both of these discussed, but MITI's Saturday is sure records, as was the announcement was slightly more concrete than the previous versions. The Ministry said it rapidly growing Japanese export of cars, steel, TV sets, (corresponding to Japan's 1977 and ships to below last year's fiscal year) was cars. Car exports built tanks arrived in Makelle.

Catalan autonomy move

THE MOVE towards restoration institution. This has been of Catalan autonomy has made widely seen as decisive in quiet Soweto this week-end drew only of Atomic Energy released on progress with the consciusion of ing Government fears of a Left- 6 per cent. of the electorate to of a condict between India and the two-week visit to Madrid of wing dominated Generalitat, the polls, according to voting of a conflict between India and the Generalitat. The Generalitat is Catalonia's tradi- a majority of Catalan parliational Government and was rementary seats in the general established by Royal decree last elections.

September 29, following negotia-

setablished by Royal decree last elections.

September 29, following negotiasions between Sr. Tarradellas concluded in Madrid.

The object of Sr. Tarradellas's errone, particularly in the sobject of Sr. Tarradellas's errone, particularly in the point of administrative power to the and utilities. Cataian will be allowed of administrative power to the and utilities. Cataian will be sufformed authonomous Government, after the succession of the Generalitat's portantly, Catalonia's four protinernal workings. In this later vincial governors will meet the set of have one grudging acceptance Sr. Tarradellas appears reguarly under the presidency of to have one grudging acceptance Sr. Tarradellas appears reguarly under the presidency of the Seventially of the Seventially presidential more than consultative power.

It all ICSUIIICS UII SAICS

After the negotiations just to scored the ballot. It was held to choose a new local council for the consultations. Tarradellas appears reguarly under the palot of the several areas of discussions of the Generalitat will have substantial and the Government. Abortly Generalitat will have substantial against sentence in a case it than a case and the consultations of the Tarapur plant.

ITAIN ICSUIIICS UII SAICS

TEHRAN, April 16.

BY ANDREW WHITLEY

TALKS on a new long term ted in several areas of discussions and were resumed yesitor. The between Iran and sion and were resumed yesitor. It is major oil customers, the 14- day.

Some Iran is bargaining at an unique of the favour plant weapons and destroy the existing between Iran and sion and were resumed yesitor. The between Iran and sion and were resumed with plant in the schools of the day.

It is a resume supply of enriched the favour plant of the Tarapur plant.

It is a resume supply of enriched the favour plant.

It is a resume supply of enriched the favour plant.

It is a resume supply of enriched to the favour plant.

It is a resume supply of enriched to the favour plant.

It is a resume supply of enriched to the favour plant.

Greek **Cypriots** call

and ships to below last year's fiscal year) was cars. Car exports built tanks arrived in Makelle, lit also promised "guid-rose 18.5 per cent. in volume capital of Tigre province which ance" to a range of other industerms to 4.47m. units, and 28 per borders Eritres, on April 12, tries to prevent undue export cent in Yen terms, to Y3,304bn. according to the Tigreian Popular tries to prevent undue export cent in feu terms, to become Japan's number one A force of similar strength has reportedly reached Gondar, capital of Bergemdir province, said the TPLF spokesman, Both forces came overland from Addis Ababa. The guerillas expect the Ethio-plans to move the tank columns north into Eritrea before the rains begin in mid-June.

> Low Soweto turnout A Government "new deal" was announced casually in the election in the black township of

● NEWS ANALYSIS-MERRILL LYNCH AND WHITE WELD

Wall Street's merger wave reaches Europe ching

BY NICHOLAS COLCHESTER IN LONDON AND JOHN WYLES IN NEW YORK

some of the refugees to return Securities, Kuhn Loeb and cent of total revenues and 10.1

MERRIL Lynch's purchase of than the industry's number Sachs and Salomon Brothers, in the international banking White Weld's European oper white Weld is the latest in a two. Salomon Brothers, 269 and that the company was also field.

Greek Cypriot leaders have moved to prevent a split within their community, especially among the 200,000 refugees, in the U.S., more than a year, increasingly important interpretation of the first increasingly important interpretation of the surface, there appears whole of its overseas investment Cyanamid, into the market to be little that White Weld's European oper and that the company was also field.

White Weld is the latest in a two. Salomon Brothers, 269 and that the company was also field.

Wall Street for more than a year, increasingly important interpretation in the international banking which the first increasingly important interpretation in the international banking which with the first increasingly important interpretation in the international banking which the property of the international banking which is also field.

This consolidation, which has national business in brokerage brought together firms such as and investment banking which to be little that White Weld's European oper and that the company was also field.

This consolidation, which has national business in brokerage brought together firms such as and investment banking which to be little that White Weld's European oper and that the company was also field.

This consolidation, which has national business in brokerage brought together firms such as and investment banking which to be little that White Weld's European oper and that the company was also field.

This consolidation, which has national business in brokerage brought together firms such as and investment banking which to be little that White Weld's European oper and that the company was also field.

This consolidation which has national business in brokerage on the first of the first of

CUSTOMS clearance trade figures mittee to monitor exports and published by the Ministry of International Trade and Industry of International Industry of Industry of International Industry Industry of International Industry of International Industry o

the first issue of Eurodon Certificates of Deposit in

new plant for N-fuel

India opens | New chief of staff for Israel

Iran resumes oil sales talks

Lieutenant General Adama. Raphael Eitan, formally assumed his post to-day, taking over from Lt-Gen. Mordecchai Gur who is leaving active army leave distinguished. Beth have sent appeared to recover plutonium.

This significant development was announced casually in the annual report of the Department of Atomic Energy released on Saturday. It comes in the midst of a conflict between India and the U.S. which is now delaying.

Both the new and the outgoing few words. His acceptance speech Chiefs of Staff joined the Pathis morning, read from a prepared text, took exactly 19 assumed his post to-day, taking mach "—the fighting arm of the State of seconds.

ISLAMABAD, April 16.

By Shmen Henderson

By Shmen Hen

ISRAEL'S ELEVENTH Chief will be Major-Gen. Yekutiel old "Raful," as he is known, is formally Both the new and the outgoing few words. His acceptance speech ay, taking mach"—the fighting the "Pai-this morning, read from a read from the fighting mach"—the fighting the "Pai-this morning, read from a read from the fighting mach"—the fighting the "Pai-this morning, read from a read from the fighting mach"—the fighting mach "—the fighting mach"—the fighting mach "—the fig

Pakistani leader on Saudi visit

ing any such message but in formed foreign sources here si that Riyadh is very concerned by the prospect of Mr. Bound being hanged if his appear

All of these Bands having been sold, this announcement appears as a matter of record only.

New Issue

17th April 1978



¥15,000,000,000 REPUBLIC OF ARGENTINA

6.4% Japanese Yen Bonds of 1978, due 1986 First Series

Yamaichi Securities Company, Limited

The Nomura Securities Co., Ltd. Daiwa Securities Co. Ltd. The Nikko Securities Co., Ltd.

The Nippon Kangyo Kakumaru Securities Co., Ltd.

New Japan Securities Co., Ltd.

Okasan Securities Co., Ltd.

Wako Securities Co., Ltd.

Osakaya Securities Co., Ltd.

Sanyo Securities Co., Ltd.

Merril Lynch Securities Company, Dai-ichi Securities Co., Ltd.

Yamatane Securities Co., Ltd.

Loeb Rhoades Securities Corporation,

Koyanagi Securities Co., Ltd. Yachiya Securities Co., Ltd.

Toyo Securities Co., Ltd.

Marusan Securities Co., Ltd.

Koa Securities Co., Ltd.

The Koisei Securities Co., Ltd.

Tokyo Securities Co., Ltd.

Mito Securities Co., Ltd.

Ichiyoshi Securities Co., Ltd.

The Chiyoda Securities Co., Ltd.

Nichiei Securities Co., Ltd.

The Toko Securities Co., Ltd.

Towa Securities Co., Ltdt?

Maruman Securities Co., Ltd.

The National Securities Co., Ltd. Meiko Securities Co., Ltd.

Deutsche Bank Aktiengesellschaft



INDUSTRIAL and MINING DEVELOPMENT BANK of IRAN

¥10,000,000,000

Japanese Yen Bonds-Series A (1978 / 1988)

The Industrial Bank of Japan, Limited

The Bank of Tokyo, Ltd.

Yamaichi Securities Company, Limited

The Industrial Bank of Japan, Limited

The Dai-ichi Mutual Life Insurance Company

The Meiji Mutual Life Insurance Company

Yamaichi Investment Trust and Management Company

The Chuo Trust and Banking Company, Limited

The Mitsubishi Bank, Limited

Mitsui Mutual Life Insurance Company

The Nippon Credit Bank, Ltd.

The Sumitomo Bank, Limited

The Yasuda Fire & Marine Insurance Co., Ltd.

Taisho Marine and Fire Insurance Company, Limited

The Bank of Tokyo, Ltd.

The Daiwa Bank, Limited

National Federation of Credit Associations

Asahi Mutual Life Insurance Company

The Fuji Bank, Limited

The Mitsubishi Trust and Banking Corporation

The Mitsui Trust and Banking Company, Limited

The Sanwa Bank, Limited

The Tokai Bank, Limited

The Yasuda Trust and Banking Company, Limited

The Bank of Yokohama, Ltd.

Searching for compromise

ON THE face of it, the mission to Salisbury to-day of British Foreign Secretary David Owen corns Vance seems doomed to failure. The two foreign ministers would like the signatories of the March 3 Salisbury agreement to attend an all-party means and an all-party means to attend an all-party means and all party means and all the Articles. conference based on the Anglo-American proposals published last September. Yet in the past 24 hours both Bishop Abel Muzorewa and Rev. Ndahaning Sithole, who, with Mr. Ian Smith and Chief Chirau are members of Rhodesia's ruling interim Executive Council, have again turned down these plans.

Rev. Sithole told a rally at the north-eastern town of Sinoia on Saturday that an all-party conference was "anathema." He for the Americans understood how Rhodesian blacks felt about the Salisbury agreement: "We signed it with our burning sonls and can never unsign it." And

Palistop Muzorewa said in an interview that Dr. Owen and Mr. Vance would find that Rhodesians could be "stubborn, firm and uncompromising." The Salisbury agreement was a fact of life, he said.

This tough talk from the domestic nationalist leaders contrasts with the silence of Mr.

distribution of the state of th the Owen-Vance visit other man to warn at a private meeting last Thursday that the two ministers were not coming to Salisbury to recognise the domestic agreement but to try and impose the amount of the Smith told his closed door

Mr. Smith told his closed door meeting that it was most desir-liable that Mr. Joshua Nkomo, Taco-leader with Mr. Robert moo-leader with Mr. Robert demands of Mr. Nkomo's Mr. esharing power with the other guerille army and that the mationalist leaders. Mr. Sithole Patriotic Front should have a and Bishop Muzorewa have made disproportionate share of power similar appeals, and it is under in any transitional administrastood that recently a black tion.
-emissary went to Mr. Nkomo in Taken at face value the
- Lusaka to make precisely this Muzorewa-Sithole statements

nationalist circles, that he might of points it may yet prove contemplate making far greater possible to patch up some form concessions to Mr. Nkomo than of compromise on the question concessions to Mr. Nkomo than of compromise on the question the internal leaders believe of attendance at an all-party Pieter Van Der Byl and his Finance Minister. Mr. David Sery confident of being able to cult indeed to see compromise Smith.

The composition of this delegation of this delegation which Mr. Shith the composition of this delegation which Mr. Shith the inner that the transitional Government will insist on attending any proposed all ribal groupings for his support. Mr. Nkomo into the agreement party conference as a single france of contest genuinely free electures.

i(î

mited

RAN



Rev. Ndahaningi Sithole



one-man-one-vote elections.

would be willing to submit to

certain minor amendments if this was the price that must be paid for Mr. Nkomo's partici-

While such concessions would

certainly go along with them in return for a cease-fire and Mr. Nkomo's return.

However, observers here believe that these concessions

as a basis for the transitional

government to send its delega

The transitional Government

-and not Mr. Smith himself-

has selected the nine-man delega-

conference.

tions. What the Bishop and Rev. Sithole cannot accept is the demands of Mr. Nkomo's as an adequate basis for Anglo-American acceptance of the "structure" of the internal plan But they might yet be regarded

mean that the Owen-Vance trip Community of the transitional statements of the transitional st black and three white members.
Mr. Smith will be accompanied
by his Foreign Minister Mr.
Pieter Van Der Byl and his
Finance Minister, Mr. David

WORLD TRADE NEWS

Dutch plea for better export finance

The appointment of Li.-Gen. Chand, the special UN representative for Rhodesia, as head of the Rhodesian armed forces during the transitional period, allied with an agreed programme of integrating suitable guerillas within the existing forces. Governments also do not hold strictly to agreements made by the Federal Government. A widening of the existing 18-man Cabinet council to in-clude three Nkomo and, if need

be, three Mugabe representa-No presence in any numbers of a UN force, but suitable back-up staff for Lt.-Gen. Chand. plus UN or U.K. observers, to ensure fair play at the planned The Rhodesians would onpose any renegotiation of the plan for a new constitution but they

not be welcomed by the black financing it is too late for the Dutch Government participants to the Salisbury Dutch exporter to match the currently drawing up plans agreement, they would almost terms,

The acceptance of Lord Carver, the Resident Commissioner designate, as an independent chairman of the transitional government with no overt executive powers other than in the field of law and order. At the same time, there would be agreement to flex weakening the commercial printing executive on equal terms with the other four members.

The acceptance of Lord Carver, the Resident Commissioner designate, as an independent chairman of the transitional government with no overt executive powers other than in the field of law and order. At the same time, there would be agreement agreement to flaw and order. At the same time, there would be agreement to Mr. Nkomo and Mr. Robert Mugabe joining the existing the commercial printing executive on equal terms with the other four members.

The likelihood of China's semi-annual Cauton Trade Fair, which opened Saturday, may well prove to be the most important for tant trade agreements Peking destroy to the the most important for tant trade agreements Peking destroy to the the most important for tant trade agreements Peking destroy to the time of interest commercial brinting carry a 6: per cont. Tale on other truding nations and without weakening the commercial printing export side to export fine to export side to export side to export printing exports and printing the commercial printing export side to export printing exports and printing cheaper loans; the export printing cheaper loans; the export side of carriagement in the printing exports and printing cheaper loans; the export printing exports and printing cheaper loans; the export printing exports are sufficiently agreed and printing exports and printing exports and printing cheaper loans; the export printing exports are provided by the important printing carriagement in the export in the Export Financing Canton Trade Fair, which of the most important for tant trade agreements are the most important

Despite EEC consensus on a uniform approach to export financing some countries, particularly the U.K. and France, are flexible in their interpretation of these agreements, Dr. W. J. Ford, chief director of the bank, said. Also the German Laender Governments also do not hold strictly to agreements.

however Holland will not allow congress enshrined as national policy.

principles of open trade that the this total consists of Chinese export credits which are below the internationally agreed rate to congress enshrined as national policy.

While the fair has since the include speciality steels—almost include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost shortages of many textile last fair will be only moder.

China: Peking's public commitments of clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost clusively a forum for sales by include speciality steels—almost sufficient formany—and chemical pro
The shortages of many textile sods. The last fair will be only moder to the last fair will be only moder at the last fair will be only moder.

The last fair will be only moder at the fair

the Federal Government.

Other exporting nations, he insurance is the size of the risk claimed, get around the gentle—which the exporter carries himman's agreement on export self for which there is no incredit by granting mixed credits, ternational agreement. Countries composed of export credits and decide individually on the level development aid. Dutch exporters and at present it lies between have heen urging their Govern—10-15 per cent. in Holland, ment to do the same. Holland Dutch exporters find the pergrant more mixed credits, Dr. centage is sometimes increased if the economy of their export grant more mixed credits, Dr. Ford said.

Holland has set up a "matching market deteriorates while it is fund" of Fis.100m. to allow higher for exports to countries: butch exporters to provide the with weak economies. In EFM's same financing terms as those view the percentage should be foreign exporters who go below reduced for the weaker the consensus levels. The problem is that by the time a foreign an exporter signing several contract with the help of cheaper tracts the cumulative own-risk element may be too great.

The Dutch Government is

Spain wins Cuban bus order

BY ROBERT GRAHAM

are most unlikely to be regarded tion to a proposed all-party

ENASA, the State-controlled mercial vehicles to Cuba. The Spanish commercial vehicle and new order is expected to take bus manu'acturer, has won an effect from next year. Although order to supply 500 buses to the company in which the state Cuba worth \$18.75m. The order holding company, INI, has a 67 Cuba worth \$18.75m. The order nothing company, i.e., has a visite of the considerable difficulties in suscituders.

Cubans. ENASA has already supplied market it is doing well in export some 4,000 of its Pegasus com- sales, especially in Latin America.

World Economic Indicators

	The second second	
NDUSTRIAL	PRODUCTION 1970=100	

	Mar. 78	Feb. '78	. jan. '78	Mar. 77	% change on year
	134.6	132,6	132.2	128.8	+ 4.5
	Feb. '78	Jan. '78	Dec. 77	Feb. '77	
	103.8	703.0	192.5	103.2	+ 0.6
nd	124	125	129	126	- 7.6
	119.8	122.4	113.2	127.5	- 6.0
ermany	773.3	108.7	715.6	112.4	+ 0.8
	. Jan. 78	Dec. '77	Nov. '77	jan. 77	
um	106.6	705.5	119.6		- 2.0
æ	127.0	722.0	127.0	729.0	- 7.6
_	700.0	120.0	130.0	120.0	1. 9.7

CANTON FAIR

Hopes of Chinese buying surge

BY OUR OWN CORRESPONDENT IN HONG KONG

a significant reversal in long placing on electronics. Fair ment And white supplying the standing practice they argue, but officials claim that China plans a domestic market will continue Peking's penchant for long and technical breakthrough in the to take first priority, an improve-intensive negotiations involving mass production of large scale ment in supplies, however slight.

ment Bank (IDB) approved loans 1976.

starts in Vancouver to-day.

IDB loans top \$1.8bn.

THE Inter-American Develop- than four times bigger than in

totalling \$1.81bn. last year, a The Bank is currently engaged record figure and 18 per cent. In the fourth major replenish-

record figure and 18 per cent. ment of its capital consisting higher than the previous year's principally of a 34bm, increase total. This is stated in the Bank's in the capital stock of which annual report presented to the \$344m, is to be paid in.

annual governors' meeting which Though the report does not

larts in Vancouver to-day.

Austria, Finland, France, with the U.S. Government on the

lialy, the Netherlands and question of new capital, Washing-

which were already non-regional new money to the Bank not lend-

Japan has led to hopes that this session could provide an opportunity for foreign businessmen to negotiate sales of sophisticated equipment.

These hopes were given a boost last week when a Communist controlled newspaper in Hong Kong reported that China would step up purchases of advanced technology and equipment at this Chinese will give priority to purchases of items dealing with petroleum, coal power, transport, steel, non-ferous metals, machine and chemical industries.

Reflecting China's plans for the past two fairs, are thought to stem from Peking's desire to upgrade living standard this year's fair is reported to be an \$40 ton open cast mining excavator which is believed to be the largest piece of machinery ever displayed at the fair. Similarly, in line with growth is increasing emphasis being successive poor harvests, The placed on coal production the Chinese will give priority to purchases of items dealing with petroleum, coal power, transport, steel, non-ferous metals, machine and chemical industries.

Despite this, most veteran

At the same time a large dis-

capital equipment effectively integrated circuits by 1980 fol- at this fair, would be a strong rules out any major import deals lowed by a more sophisticated being concluded during the fair's range by 1985.

With the emphasis of the fair ing trade.

ment. earnings they represent have
At the same time a large disprobably been a major factor in Despite this, most veteran At the same time a large disprobably been a major ractor in traders do not expect a signifiplay of electronic exhibits is the delay of Peking's return to cant upsurge in Chinese buying, attributed to the great important upsurge in Chinese buying, attributed to the great important the international market place Not only would that constitute tance which the Chinese are now as an important of capital equipment. And while sumplying the chinese are now as an important of capital equipment.

Saab cars market share

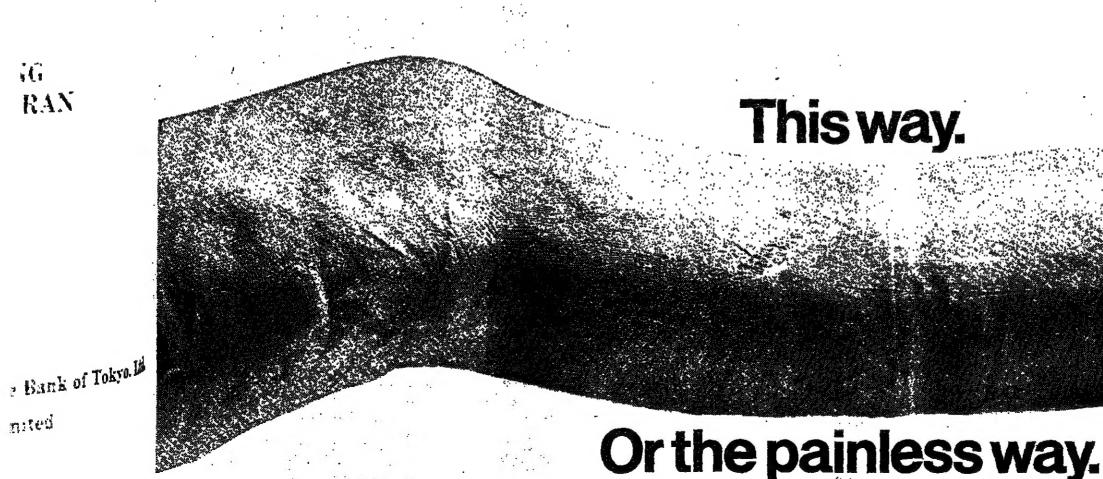
Figures for the market shares of Saab cars sold in Sweden during the first three months of this year and 1977 were reversed in the report carried in the Financial Times of April 7.

On a market, where total first quarter sales declined by 31.5 per cent, compared with the first three months of 1977. Saab sold Sweden joined the ten countries ton has sought to condition its 6.634 cars against 8.052. This, however, represented an increase members of the Bank while the ing to governments with bad (not a decrease as reported) in Bahamas joined as a regional human rights records. The Bank member. This brings the Bank's is resisting these conditions.

total membership to 41.

The Bank reports that its lendMore than half the Bank's ing policy has been oriented
lending went to three countries, towards the least developed
Brazil (\$361m.), Argentina countries and regions of Latin
(\$361m.), and Mexico (\$257m.). America and last year gave parmonths and for the first time Loans to El Salvador (\$109m.) ticular emphasis to agriculture, exceeded sales in Sweden of and Panama (\$122m.) were more industry, energy and transport. Volvo's 245 estate car.

Two ways to find out why your company needs Ferodo's new ducktile flooring.



This way.

As you may have gathered, Ferodo ducktiles are a new kind of safety flooring.

Safety flooring of one kind or another has been around for years, but somehow every other system had faults that made it uneconomic or impractical to offer your employees real safety underfoot.

Now it's different. Now, there are Ferodo ducktiles.

Unlike others, ducktiles are 300 mm square fullyinterlocking, interference fit, easy-to-lay tiles you can tailor to varying requirements.

Unlike others, they are oil resistant. Impervious to water, grease or chemicals. Immensely strong. Anti-static. Resistant to ultra violet light and corrosion. And, of course, anti-slip.

Unlike others, they are easy to clean because ducts channel off waste liquids.

Unlike others, they can have clip-on bevelled edges to provide ramps wherever you need them.

Unlike others, ducktiles not only do a good job. They look good and feel good to stand on too. So you can use them wherever a safer floor is needed.

In other words, when you choose Ferodo's new ducktiles, you're on a very safe bet. For your company. As well as your employees.

To find out more about ducktiles, please



The safety-first floor.

Ferodo Limited, Chapel en le Frith. Stockport. SK12 6JF

bakers want to

Spillers' Textile trade near balance for first time in four years

BY RHYS DAVID

a result of Spillers' decision to ended the year with total sales try, even before the signing at pull out of bread-making, will try of textiles and clothing overseas the end of the year of the latest to buy shops from the company. falling only £8m. short of im- round of the GATT multi-fibre

by the Spillers Group five years. The key to the improvement the industry's performance last

thing to make sure that they are £378m, in the first-half to £388m.

intensive operation.

Mr. Stainton will seek a meet-i non, chairman of Spillers,

He said yesterday: "If the company agrees in principle that long-serving employees should be given first refusal when the shops are disposed of proper financing arrangements can then be con-

go. was a big jump in clothing ex- year — particularly the last Mr. Frank Pye. Matthe area ports in the last half of last year. manager, said vesterday that the Exports rose from £247m. in With the recession still making shops were "viable going con the first half to £352m. while itself felt around the world, cerns and our customers have imports showed comparatively been imploring us to do some-little movement. rising from the final quarter was down 5 thing transfer the control of the cont in the second.

A petition signed by the staff: This still left a total deficit fibre consumption 14 per cent. The industry is placing its ft is hoped, increased was handed to Mr. Keith Stainton, for clothing alone of some down.

Conservative MP for Sudbury and f168.6m, but by the final quarter Output figures for two increased consumer spending on from textile suppliers.

Woodbridge, at the week-end. It the gap between imports and important textile sectors—man-clothing, signs of which have The danger remainder. deplores Spillers' hasty decision exports had been narrowed to made fibres and cotton and been apparent for some time.

> and in the third at £26.7m. and in the third at £26.7m. situation. in the second half of last year.
>
> The overall clothing deficit was Output by man-made fibre pro- on the first six months.

BRITAIN WAS almost in balance This, however, was still not in its textile and clothing trade as high as the surplus the sector with the rest of the world last was able to earn in 1971, when - for the first time since there was a £191m, surplus at sterling values then prevailing.

The industry, which has been The figures published by the THREE HUNDRED bakery shop under severe pressure from imstaff, to be made redundant as ports from low cost countries Manchester show that the indus-The staff work for the Matthe ports — a significant improve arrangement governing world chain of 35 bakery shops in deficits for 1975 and 1976.

Norfolk and Suffolk, taken over the chain of the Spillar Canal Suffolk and Suffolk and Suffolk taken over the chain of the Spillar Canal Suffolk and Suffolk taken over the spillar Canal Suffolk taken

per cent. on the same period a production were both down on

to shut the shops within two only £9.43m. allied textiles—for the first Against the trend generally stronger home demand could be weeks, saying that this would in the first quarter it stood at two months of the present year for consumer spending, clothing solvage of a profitable and labour. E83m. in the second at £50m. also point to a deteriorating expenditure was up 5 per cent.

There is expected that the trend generally fuelled by imports, despite new allowed the present year for consumer spending. Clothing controls now in operation.

covered largely by the textile in- ducers was down 8 per cent. A furthur boost is expected exporting more difficult this year, dustry's £162m, surplus — an in January and February on the because of the increases in take— Warnings have already been improvement on the £135m, sur- same period last year. In cotton home pay resulting from the given by Yorkshire's wool-textile ing to-day with Mr. Michael Ver. covered largely by the textile in- ducers was down 8 per cent. textiles, yarn and woven cloth Budget,

U.K. TRADE IN TEXTILES AND CLOTHING 1973 1976 £m. 556 **EXPORTS** 1,110 828 TRADE BALANCE +135-- 136

Stocks at retail level are per cent. on the same period a production throught to be relatively low so, fibre consumption 14 per cent. The industry is placing its it is hoped, increased demand hopes for the rest of 1978 on will result in a rise in ordering

There is concern, too. that the

stronger pound may also make exporting more difficult this year. manufacturers.

State building industry plan opposed He bopes for the support of Mr. John Silkin, the Minister of Agriculture, whose Department A SURVEY by Market and favour. Of those normally voting Workers who stated they nor-

the sponsoring Ministry for Opinion Research International Labour 57 per cent. opposed the mally voted Labour rejected the stocontribute to the setting-up of a Royal Society Esso Research Interviewed opposed the Labour cent. Desiring the sponsoring Ministry for Opinion Research International Labour 57 per cent. opposed the mally voted Labour rejected the stocontribute to the setting-up of a Royal Society Esso Research interviewed opposed the Labour cent. Mr. Pye said: "Our people are interviewed opposed the Labour prepared to put in their own Party plan for nationalisation of Opposition to nationalisation of Of members of the public 62 plied sciences.

Only 12 per cent. were in and 12 per cent. supporting.

Esso supports Fellowship

Fellowship in physical and ap-

Pan Amgives you the biggest choice of 747's to the East Coast.

London to	Depart	Arrive	Frequency of flights	Aircraft
NewYork	11:00 15:15	12.35 16.50	Daily Daily	747
Washington	12.40	15.00	Daily	747
Boston	11.10	12.15	Daily . (ex lu : Wed)	747

The timetable for business travellers.

You won't have to keep unearthly hours to make it to Heathrow in time for our flights.

Yet we land you across the Atlantic at a civilised hour, too.

It gives you a chance to reach a meeting. connect with an onward flight, or simply check in to your hotel while you're still awake.

Food, glorious food.

On Pan Am (and only on Pan Am) you have an exclusive First Class dining room.

Your steak, or rack of lamb, is cooked fresh on the plane.

But if you're travelling Economy.you aren't treated as second class.

All our food is prepared in our own kitchens. And we offer you 3 main courses to choose from.



Not just a movie. The movies. We do our best to show you films that you haven't seen before. (Many of the ones

we show are pre-releases.) But just in case, we offer you a choice of 2. Plus 8 stereo channels. (Due to international regulations we have to make a small charge for these.)

The Pan Am Terminal.

When you land at JFK New York, you arrive at our own Pan Am terminal. It's the most/modern terminal there. Designed specifically for 747's, as we only fly you there in 747's.

And from here you can take a connecting flight to another U.S. destination.



The real reason to fly Pan Am.

We at Pan Am have been flying all over the world since 1927.

That's over 50 years.

So it's no small wonder our people have built up a reputation for giving you the very best in service, efficiency, care and comfort.

And that, after all, is the least you should expect from the world's most experienced airline. PANAM.

Pan Am's People. Their experience makes the difference.

Talks 'will be held with CBI before pay clause penalty'

THE GOVERNMENT has agreed clumsy" by Mr. Greenborough to consult the Confederation of They are not being recom-British Industry before it penamended by the Confederation, ilses any company as a result which has decided to leave it to of the pay clauses now being an individual company to exer-inserted in Government con clse its own commercial judgtracts.

Mr. John Greenborough CBI to sign a Government contract president, says this to-day in a containing the redtafted letter to confederation members, clauses."

The Government has also letter to confederation members.

His letter is accompanied by agreed to discuss with the CBL an explanatory memorandum any application of the clauses in setting out how companies and future phases of pay restraint to abide by the Government's borough's letter asks companies pay limits or risk losing their to tell the confederation about contracts.

The event marks the end of the Covernment agencies and two and a-half months uncertwo and a-half mont in its contracts.

in its contracts. lead the Government either to Since then the clauses have withhold payment of certain been substantially modified but labour cost increases in contracts, are still described as "very tracts, or terminate contracts."

New air row likely

BRITISH determination to move airline to Gatwick. The argument trans-Atlantic air traffic involv- follows similar disputes with the ing Canada from Heathrow to U.S., involving reciprocal rights

Gatwick airport looks like progatwick airport looks like provoking another major air rowand culminating in a delayed
this time, between the Brilish start for the Braniff Airline
Government and the Canadians.

Yesterday, Air Canada proBraniff was finally forced to use
duced a four-page document Gatwick, but the U.K. had to
rejecting the British "proviscoept a fare structure it did not
sional decision" to move the entirely support.

ment in deciding whether or no

Chrysler to launch eisure

By Terry Docsworth Motor Industry Corres

CHRYSLER U.K. is moving into the market for multi-purpose lesture vehicles popularised by products such as the Range Rover, with the launch of the Matra Rancho in Britain.

The Rancho, assembled by the Matra aerospace group from Chrysler Alpine and Simca 1100 components, will go on sale in Britain at £5.560.

The front part of the body is constructed of sheet metal and the rear of reinforced polyester on a metal frame. There is a bench rear seat, with access from two passenger doors or a splig-tailgate. It is driven by the 1442 cc Alpine engine.

The Rancho has had a considerable impact in France since it was launched a year ago. Its progress is being watched with interest by other European manufacturers as a guide to whether Furnes will faller to whether Europe will follow the American trend towards rooms leisure vehicles.

In Britain, the launch of the Matra comes as a time when the

Carrier sales are picking up money to make sure everything will be a success. We feel we would be acting in the best interests of the communities we by continuing the brightnesses by c

cargo and bulk carrier tonnage inquiry.

Most purchases are Far vessels in the ten-year age. Eastern, with China and India bracket over 40,000 dwt.

Banks report that they are being Most tanker sales continue to

have fallen sufficiently to draw Egger Forrester, broker, says serviceable vessels buyers back in to the marker that most sale and purchase plummeting values, and brokers note a revival of interest centres on modern. The Malmros and brokers note a revival of marker was a 2000 days 372,000 tonner but interest centres on modern. The Malmros Mariner, a geared vessels up to 30,000 dead. 372,000 tonner built in 1975, weight tons and on gearless sold for \$22m. to 2 Far East vessels in the control of the

building up second-band fleets. A pair of Hitachi-built 60,000 There has also been inquiries tonners at relatively favourable.

vessels in the ten-year age buyer. This represents a 25 per bracket over 40,000 dwt.

A pair of Hirachi-built 60,000 The tanker chartering market

from Greece. India, Hong Kong, prices were sold, with credit Rates weakened his week how Korea and Italy.

Some sales are from owners. The Organisation for Economic for VLCCs out of the Gulf. John with liquitidy problems seeking Co-operation and Development L. Jacobs says that there are now a sale and time-charter bath guidelines, to which Japan sub. 5.2m. tons of large cride carriets. continues its grim course. Rates weakened his week to arrangement with a stronger scribes, limit credit to seven waiting in the Gulf loading area owner or financial institution. Years.

A FINANCIAL TIMES CONFERENCE

THE 1978 EUROMARKETS CONFERENCE

LONDON

May 8-9 1978

The Financial Times, in conjunction with the Investors Chronicle, is organizing a conference 'The 1978 Euromarkets Conference 'at the Royal Laricaster Hotel, London on May 8 and 9.

This conference has been one of the most successful events in the Financial Times' conference calendar for the past few years. Once again a panel of distinguished speakers will address themselves to many of the important subjects of the day. Two principal themes will be debated by a number of contributors: lending to less developed countries, and monetarism and its infinence in the future, as well as an interesting group of individual topics.

The list of distinguished speakers and their subjects will include:

FINANCING THE LDC'S—THE ROLE OF PUBLIC AND PRIVATE INSTITUTIONS Dr. H. Johannes Witteveen Managing Director

International Monetary Fund

INTERNATIONAL LENDING AND THE EUROMARKETS Mr. Henry C. Wallich Member of The Board of Governors

of the Federal Reserve System

is the resurrection of A STABLE MONETARY SYSTEM PIKETA 5 Mr. Erik Hoffmeyer Governor Danmarks Nationalbank

DEBATE OVER MONETARISM IN ACTION The Rt. Hon. Lord Balogh Professor Alan Walters Professor of Economics The Johns Hopkins University

To: The Financial Times Limited, Conference Organisation, Bracken House, 10 Cannon Street, London EC4P 4BY. Tel: 01-236 4382. Telex 27347 FTCONF G

Please send me further details of THE 1978 EUROMARKETS CONFERENCE

NAME		111125	
COMPANY			
ADDRESS	1-0511	1.7	
	ن سول	المكارة	

Chr Callaghan to la objection

Mr. Harper questioned whether the Prime Minister considered Liverpool's unemployment probiems to be greater than Sunder-lands. "While Mr. Callaghan-lands the perform miracles, we feel that acceptance of our delegation would be recognition of the seriousness of our situation."

Studies

- 12 Sunderland now has about 14

icking in the new town on the west of sectland—and Sunderland, last

ong report on the local economy ooking at two main aspects—
leneral industry and the port.
If the Prime Minister still asuses to see them during heir three-day visit, Mr. Harper and head in the report.

Engineers' body has registration plan

BY DAVID CHURCHILL

THE COUNCIL for Engineering and administered by a publicly Such a registration proce. Institutions, the umbrella body accountable body created by Act dure, it argues, would maintain representing 320,000 British professional engineers, has decided The electrical engineers' insti
The electrical engineers' insti
The public

By Anthony Moreton, Regional Affairs Editor

THE PRIME MINISTER has upset an all-party delegation of councillors and officials from Sunderland by refusing to meet them to discuss the town's economic problems.

Mr. Callaghan told Councillor Len Harper. leader of the council, last week that a meeting would create a precedent.

But two days afterwards, Liverpool council received a leiter saying he would discuss the Merseyside city's unemployment problems with its delegation.

Sunderland will now have to be content with seeing three Cabinet Ministers and Mrs. Statutory registration means that engineers would have to be content with seeing three Cabinet Ministers and Mrs. Mr. Harper questioned whether

not to support the creation of a tution is to bold a special meet and also ensure that engineers new licensing body for engineers ing in London next week to belonged to a qualifying accountable to Parliament.

Scots poll gives lead to Labour

By Philip Rawstorne

LABOUR would hold all its 41 seats in Scotland in an immediate General Election, an opinion poll suggested vester-

The poll by MORI for the television programme Week-end World, indicated that Conservatives would regain ex seats lost to Scottish Nationalists in 1974 and capture one from the Liberals.

Support for the Nationalists was waning, according to the poll. But the party was still expected to retain a nuclor policy in Scotland.

Of those interviewed 41 per cent, said they would vote Labour in the Genera! Election, 30 per cent. Tory. 27 per cent. SNP. and only 2 per cent.

On virtually all major political issues Labour has established a substantial popular lead, the poll shows,

Sixty-three per cent. said they would tote for Government devolution

Background to Anglo-Irish co-operation plans

Pact could be political football

BY GILES MERRITT IN DUBLIN

which will probably be an-nounced next month, stems from september's meeting in London With the start of the Uster task of broadening Uster's number when Mr. Callaghan and Mr. troubles in 1969, the initiative trial base could be achieved by between Mr. Callaghan and Mr. unquestionably became a dead-promoting joint North-South

The borough's studies show hat a pick-up in economic interpretation, it will be an important blue-rite new town on the west of icotland—and Sunderland, last. The council has drawn up a on the local economy of local economy on the local economy of local economy on the local economy on the local economy of local economy of local economy on the local economy of local economy on the local economy of local economy of local economy of local economy on the local economy of local with the enemy.

IF THE ANGLO-IRISH economic to seal a co-operation deal with . In the last three years, private come from Brussels. But these per cent unemployment, com IF THE ANGLO-IRISH economic to seat a co-operation dest with about 12 per cent. in co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in Co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in Co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. in Co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with about 12 per cent. In Co-operation pact now travelling Capt. Terence O'Neill, who industry has increasingly urged growing demands for North-pared with a co-operation pact now travelling Capt. The co-operation pact now travelling Capt.

> cross-border industrial projects With the start of the Ulster and concluded that the vital

In three-day visit. Mr. Harper is in the report.

In the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

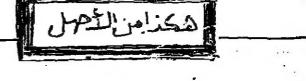
If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report.

If the report urges more attended in the report urges more attended in the report urges was a fact that the continued of the border t

proportion of that figure is made up of goods being shipped to Scotland via Uister. Such is the tradition o



"Frankly, there's not a single reason why we advertise in Radio Times.

That was the riposte Frank Abramson gave us when we recently popped the

Why do W. H. Smith advertise in Radio Times?

However he went on in a more encouraging vein: "Obviously, to any retailer, the sheer numbers of people his advertising reaches is important. When you've over 350 outlets it's vital. .

"So we're influenced, of course, by your 10.7 million "We're after, to use the jargon, your C2DE readers as well

as your ABCI's. "After all, everyone's a potential customer to us. "That's why we go out of our way to carpet our shops, light them attractively, make them a browser's home from

"And hopefully you've noticed how our staff are friendly but professional. They know their products. And they also know when to help you and when to leave you alone. "Also," he added, having a dig, "as you never tire of telling

us, you've more ABC1 readers than any other magazine or newspaper.

"What's more," he went on, ticking off his fingers, "the highest proportion (22% I think) of your readers is in the 15-24 age group, which is an important part of our

target group.
"Do you want me to go on?" he said, looking at his watch.

"Okay,"he muttered "Most of our customers are women. But men are, naturally. also important. So, indeed, are children.

"We're nothing if not a family shop. And you're nothing if not a family magazine. "Also you give people plenty of time to see and consider our ads (what's your phrase: you stay in the home nine days including two shopping weekends?).

"Furthermore, the fact you publish thirteen regional editions gives us flexibility.

"Finally." he said (stressing the word) as well as newspapers and magazines, we're largely in books and records, the reading and listening market, if you like.
"And he added, standing up "so are you. Which means your editorial is in

sympathy with our ads. Door knob in hand, he summed up:

"You give us the numbers, you give us the nine day stay in the home, (you give us grey hairs with your copy dates, but they're shorter than most magazines), you give us regional flexibility.

In short, you give us what we want. "Besides which," he called from the lift, "you're always a prime recommendation

from our advertising agency, D'Arcy-MacManus & Masius Limited. "And when one of the leading agencies in the country speaks, we listen."



This advertisement is one of an occasional series of case histories from Radio Times. For further information contact Head of Advertisement Department, BBC Publications, 55 Marylebone High Street, London WIM 4AA. Telephone: 91-580 5577.

CONFERENCE

MARKEN

N

NCE

916

DON'T USE YOUR MONEY TO BUYANEWAUDI. USE OURS.

During April and May, your Audi dealer will greet you with more than awarmsmile.

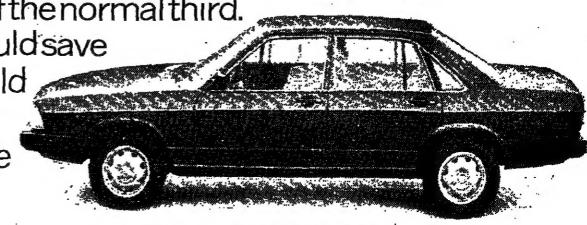
He has two pieces of valuable information for you.

First, that we can give you a loan to buy a brand new Audi 100 or Audi 80 at just 3% interest. (That's over 50%less than even the kindest Bank Manager is likely to charge.)

Second, that if it's a business purchase you need only pay hima 20% deposit, instead of the normal third.

The first of these changes could save you up to £536. The second could makeyourdeposit£744smaller.

Have you ever needed so little moneyto buyso much car?



THE NEW AUDI 100. Wethinkwe'vethought of everything.

The Queen's Awards for Export and Technology

to be announced on **April 21 1978**





The Queen's Awards for Export and Technology are the highest accolades that can be bestowed on a British company. It means that the company receiving such an award has made an extremely valuable contribution towards Britain's economic recovery.

The Financial Times is proud to have received The Queen's Award on two previous occasions itself. When the awards are announced on April 21 we will be giving the same extensive coverage to the announcement as we have in the past.

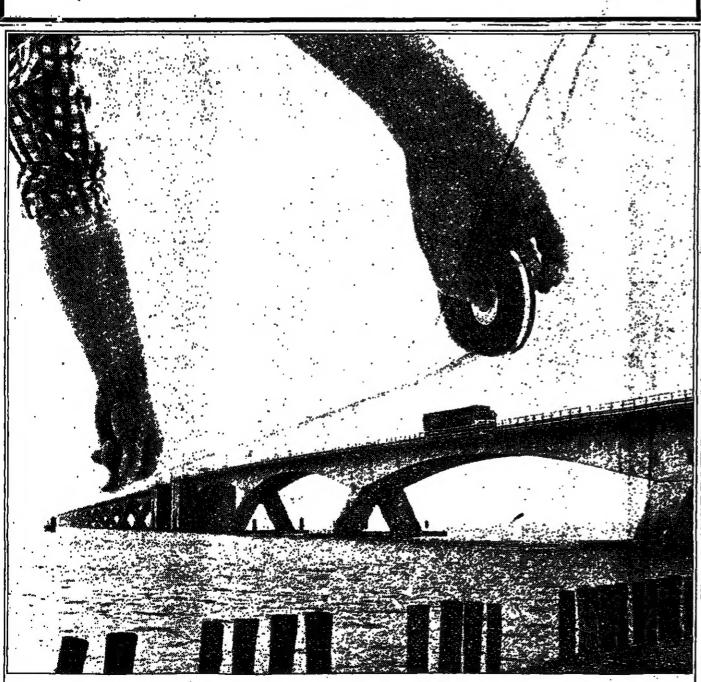
The Financial Times, with its influential worldwide readership, will therefore be of great value to the recipients in publicising their company's achievements.

For details of advertising rates please contact:

Suzanne Ralph Financial Times Bracken House 10 Cannon Street London EC4P 4BY

Tel: 01-248 8000 Ext. 201 Telex: 885033 FINTIM G

FINANCIALTIMES



Building a bridge? Let Stevin lend you a helping hand.

Stevin is international. A diversified contractor. An expert at designing and building bridges, tunnels, sluices and reclaiming land from the sea.

Doing what Dutchmen have been so good at for centuries - only faster than ever before.

Years of international experience. With all specialists and technical know-how available. Any time. Any place in the world.

Whenever there are big plans for a new bridge, a new harbour, a new airport, a new hospital, pipeline or road, there seems to be always someone who asks: "Why not bring in Stevin?" Giants at home. Growing abroad.

Dredging and Reclamation Civil Engineering Civil Engineering Roads and Asphalt Housing and Construction

The turnover in 1977 amounts to \$ 750 million, of which about 60% has been realized abroad. Stevin has offices in: The Netherlands, U.K. Belgium, W. Germany, France, Antillea, Brazil, Algeria, Gabon, Nigeria, Saudi Arabia, Bahrain, Qatar, Un, Arab Emirates, Oman, Malaysia, Indonesia and

Stevin Groep N.V., Kaap Hoorndreef 66, P.O. Box 9006, Utrecht, The Netherlands, Telex: stevi nl 40649, tel, 030 - 62 08 80.

A long-term future

1968 in the first pamphlet norm marking the birth of the Institute for Workers Control that shop stewards interest in the is a remarkably cohesive body

16-week strike on exactly the who believe in worker control.

issue of the introduction of new Participation is seen by i

of workers and academics in a closure more say in their jobs. workers' control of the means of production, ownership and

Cohesive

and the principle of opening.com-

Delegates may not be going back to work to-day to put ideas

MR. HUGH SCANLON, presi- into practice, but in another 10 dream of Utopia and the apolo- voted narrowly to reject dent of the Amalgamated Union years' time this weekend's gist's road to Socialism's its present form of Engineering Workers, said in "radical moves" may be the There is suspicion of workers. This was because, who have the same in the right dimension of the right dimension of

snop stewards' interest in the introduction of new machines or output levels as well as wages and hours was a "radical move away from the defensive more away from the defensive more introduction of new machines or output levels as well as wages and hours was a "radical move away from the defensive more away from the defensive more away from the defensive more interest." The institute, though small committees, for example, from according to Mr. Jones

But a split exists in its ranks, land's Speke car plant in Liver- between those who believe in the conflict but sees the combine pool should undertake a bitter worker-participation and those as the way forward.

Participation is seen by its critics as workers being invited The twelfth conference of the to management Board rooms to Institute for Workers' Control be told there what is going on which took place at Sheffield rather than on the shop floor.

University at the week-end The Leyland commitment to marked the movement's tenth participation, for example, was anniversary.

The institute was set up in management idea dispensed with April 1968 as an uneasy alliance when it came to the Speke

> But its supporters pointed out that Leyland stewards had far more knowledge of company oro-posals than, say, their countercombines, for example, where month that 1,700 jobs were to go workers have in their plans con. on Merseyside.
>
> trol of their own work and pro.
>
> The institute is an organisation ducts, is the aims of the move-

A deeper split than this exists outside the movement, illustrated and the principle of opening comat its most extreme by Mr. hoped for 10 years ago.
panies' books, into a kind of Arthur Scargill, the Yorkshire A development such as
workers' equivalent of the president of the National Union though, was something.
Government think tank.

of Mineworkers.

He told the conference dele- ment, gates on Saturday that workers' An

It has survived take-over bids Mr. Bill Jones, the institute by the extreme Left and attacks chairman and former executive member of the Transport and member of the Transport and achieve General Workers Union, admits results.

Long-term

Combines, though, are long- Ther term projects. Great things are trial den hoped for by the institute from socially respectable to easily the Vickers combine. But after management does not say years hard work management does not parts in Ford would have done aix years' hard work making a Worker control, in the form strong, well-run organisation, the Cost."

of the Lucas or Vickers stewards Lucas combine was told last idea

which knows its effects can only

A development such as Bullock, though, was something implicit

An institute special irday that workers' An institute special con-ceeded in giving that old "the academic's ference on the Bullock report ment new and ingenious

ago that it could realise to socialist aspirations of a socia

William Morris put

Swan Hunter clerks seek pay increase

men and clerical workers have ties. submitted a claim to be included in the agreement, which gives craftsmen £83 and ancillary

workers £71 a week. They say the deal, approved hind boilermakers and outfitting meetings.

Teachers threaten new contract sanctions A SERIES of sanctions was secretary of the union, made it

THE PAY AGREEMENT which Swan Hunter hoped would end inter-union pay rivalry at its five Tyneside shipyards has endistricted by the second largest teachers and the second largest teachers are teacher union. The new more by the trace of the second largest teachers are teacher union. The new more by the trace of the second largest teachers are teacher union. countered new friction. Draughts dispute with the local authori-

voluntary after-school activities.

These will include parents', by the Government three days staff and departmental meetings, ago, leaves them £12 a week be speech evenings and governors'

The new move by the union represents a tougher line in its dispute with the local authorities A week-end meeting of its dispute with the local authorities executive decided that from May 8 its 100,000 members will be gating and what part are an authorities as to what part of the teachers' day represents a contractual obli-

Wales to give a written under-taking that after-school activities

Pit rescue me demand better bonus

shire, the National Coal Board's with their bonus allocation,

to that earned by typists show leader, said yesterday that he hoped to negotiate on their behalf.

This week in Parliament

 Conclusion of debate. Judicature Ireland) Bill

(Lords) second reading.

LORDS—Debate on preserving the Ridgeway. Debate on problems of widows. Short debate on review of Children and Young Persons Act. SELECT COMMITTEES—Expen-

tee. Subject: Central Office of Information. Witnesses: Advisory Committee on Advertising. (4.15 p.m. Room 8.)
Expenditure: Education, Arts and Home Office Sub-commit-tec. Subject: Provision for museums and libraries. Witmuseums and libraries. Witnesses: Department of Educa-tion and Science. (4.15 p.m. Room 13.) Overseas Develop-ment. Subject: Renegotiation of the Lome Convention, Wit-ness: Mr. Leslie Ruckfield, Under-Secretary for Industry (4.36 p.m. Room 16.) Public Accounts, Subjects: Job Crea-Accounts, Subjects: Job Creation and General Butter Subsidy, Witnesses: Department of Employment, Manpower Services Commission, Intervention Board for Agricultural Produce, (5 p.m. Room 16.)

TO-MORROW

COMMONS—Wales Bill, committee stage

mittee stage. ORDS-Scotland Bill, commit tee stage. Housing (Financial Provisions) Bill, report stage.

SELECT COMMITTEES-Expenditure, General Sub-commit-mittee, Subject: Response to White Paper on the Civil Services. Witness: Lord Peart. (4.00 p.m. Room 6) WEDNESDAY COMMONS-Wales Bill, mittee stage. LORDS—Scotlar

tee stage. Import of Live Fish. Bill, report stage. Aviation Security Fund Rogulations SELECT COMMITTEES-Nation-Industries. Sub-commit-Subject: The electricity

definitions of treaties Orders.

Council (10.45 am. Room 8.) Expenditure: Social Services tee, Subject: Employment and training in the new unemploy-ment situation. Witness: Mr. Edward Heath, chairman of the all-party tobby on youth affairs. (3.00 p.m. Room 8.) Public Accounts Committee. Subject: Appropriation accounts. Witnesses: Department of Energy, Scottish Develop-ment Department (400 p.m. Room 16.) European Legisla-tion. Subject: Oil stocks: Wit-

ness: Mr. A. Wedgwood Renn. Energy Secretary (4.15 p.m. Roem 15.) Overseas Development Subject: Renegotiation FRIDAY members of Lome Convention. Wil COMMONS Private members Rills. ses: European Investment Bills.

Bank (4.30 p.m. Room & Race Relations and Image tion. Subject: Effects on ED membership of race relation p.m. Room 14.) Expenditure Environment Sub-committee Subject: Planning procedure Witness: Mr. Reg Freeson Housing Minister. (4.00 p.m.

COMMONS—Supply day debate on National Health Service Medical Bill (Lords) remaining stages.
LORDS—Debate

industry, Witnesses:



My business is expanding. Please give me the facts about WDA finance.

Company Address

Complete the coupon and we'll tell you what we can do you. And we'll tell you what Wales has to offer too. Weish Development Age Treforest Industrial Estate Pontypridd, Mid Glamorga CF375UT Telephone: Tref

If yours is an expanding business that would benefit from an injection of capital (no matter how large or small we'd like to hear from you. The Welsh Development Agency has funds available for companies wishing to move or expand in Wales.

(044 385) 2666. Telex: 4975 Welsh Developme

KERS' COMP

Way:

May 9—12 May 9—11 May 16—19

Businessman's Diary

U.K. TRADE FAIRS AND EXHIBITIONS

Storage, Handling & Distribution Exhibition
Autoguin '78 Exhibition
Metalworking '78 Exhibition
Int: Fire Security Exhibition & Conference
Subcontracting Industries Exhibition
Bristol Boat Show Apr. 18—21 Apr. 18—22 Apr. 20—28 Apr. 24—28 Apr. 24—28 Apr. 22—25 Subcontracting industries extitions
Apr. 24—29 Bristol Boat Show
Apr. 30—May 5 Concrete Materials and Techniques Exhibition
Apr. 31—May 6 Int. Machine Tool and Production Eng. Exbn.
May 2—5 Int. Cleaning and Maintenance Exhibition

incentive Marketing and Sales Promotion Exbn. and Conference
Int. Welding Engineering Exbn. and Conf.
International Discasting Exhibition
Enropean Computing Congress and Exbn.
Specibuld (building products) Conf. and Exbn.

Wembley Conf. Centre Nat. Exbn. Centre, B'ham. Olympia Nat. Exbn. Centre, Bham. Exhibition Centre Wembley Conf. Centre Nat. Expn. Centre, Bham.

Nat. Exbn. Centre, B'ham. Metropole Centre, Brighton Harrogate Wembley Conf. Centre

OVERSEAS TRADE FAIRS AND EXHIBITIONS

b Apr. 21—24 Apr. 21—24

Apr. 24—27

Solar Technology Exhibition

Apr. 22—May 5

German Agricultural Show

Apr. 23—May 15

International Trade Fair

Apr. 22—May 15

International Book Festival

Compace Europe Portuguese Fabrics and Clothing Exhn. Solar Technology Exhibition and Conference Textile Machinery Exhibition May 6-11 May 9-11 May 9-14 May 13-20 Compec Europe Int. Surface Treatment and Finishing Exbn. Woodworking Machine Exhibition

Welding Fair
Public Works Exhibition

Greenville, U.S. Brussels Paris Brussels

BUSINESS AND MANAGEMENT

Apr. 19 Henley Centre for Forecasting: The Budget
Apr. 19 London Chamber of Commerce and Industry:
Agri-Business in the Mid. East & North Africa
Apr. 20 McGraw-Hill: Managerial Work—Its Demands and 161pr. 20 London Chamber of Commerce and Industry: Trade
Mission to South Africa reports back
Apr. 20—21 Legal Studies & Services: Claims Against Carriers Apr. 21 -Procedures and Remedies Leeds. University: The New United Kingdom Patent Law Grocery Distribution: Annual Convention

Typr. 23—28 Inbucon: Improving Industrial Relations

Lapr. 23—28 Centre for International Briefing: Working

Effectively in Nigeria

BOTB/CBI: Opening an office in Japan

British Overseas Trade Board: Exporting to

Australia

European Study Conferences: Direction and management of the smaller private company Soc. for Long Range Planning: Introduction to Corporate Planning

British Council of Productivity Associations: Provision and disclosure of company information London Hilton, W.1 London Business School: Leases and how to value Pit rescue pr. 27-28

Conference

Product Design and Innovation

Isy 6-9 National Chamber of Trade: Annual Conference

Reith Shipton Developments: Risk Management in

Practice lay 9 Oyez: International Transfer Pricing Policies
Lay 9 Development Association: Die Casting

Conference

Conference

Riay 9—12 British Association for Commercial and Industrial Education: Job Analysis

Education: Job Analysis

BACIE Train. Centre.
Hotel Inter-Continents

ay 10—12 Advanced Management Research (AMR) Manage

Churchill Hotel, W.1

Ment Skills for Women

Financial Times: The North Sea and its Economic Grosvenor House W.1

Impact

CONFERENCES

Carlton Tower Hotel, S.W.1 69. Cannon St., E.C.4 Royal Garden Hotel, W.S. 69 Cannon St., E.C.4 Hilton Hotel, W.1

Hotel Metropole, Brighton Selsdon, Surrey

Farnham Castle, Surrey Inn on the Park Hotel, W.1 Kensington Palace Hotel, W.8

Sussex Place, W.1 Inn on the Park. W.1 The Brighton Centre

Palace Hotel, Torquay Royal Lancaster Hotel, W.2

Tower Hotel, E.1 London Press Centre, E.C.4

BACIE Train. Centre. London Hotel Inter-Continental, W.1

Barbados London, S.W.7. Old, Government House Hotel

The following is a record of the principal business and financial engagements during the week. The Board meetings are mainly for the purpose of considering dividends and official indications are not always available whether dividends concerned are interims or finals. The sub-divisions shown below are based mainly on last year's timetable

Salisbury 100c8ds. Red. 19 4.78 £5.1644.
6.pc8ds. Red. 25:10.72 3 sec.
25:10.72 3 sec.
12 Setton 6-setBds. Red. 25:10.73 3 sec.
12 Setton 6-setBds. Red. 25:10.73 3 sec.
Works, South Bedfordshre 6-setBds. Red.
25:10.78 3 sec.
South Derbyshire 6-spc8ds. Red. 25:10.78 TO-DAY
COMPANY MEETINGS—
Comm. Union Ass... Queens Rooms
Exchange. St. Mary Asc. E.C.S.
Davis and Mercalfe. Injector
RgmHoy. Nr. Stockport. 11.30
Weber. 53. Piccadilly. W., 4
BOARD MEETINGS— South Wight 18PCBds. Red. 19:4/78 53:1644 55:1644 5urrey 10pcBds. Red. 19:4/78 55:1644 5warsea 10pcBds. Red. 19:4/78 55:1644 7ciclusion A 0-8059 Vicieusion 10pcBds. Red. 18:4:78 Finals: leckwood Hodge Slackwood Hodge
Currys
Moveringham
Jerser Electricity
London United Invs.
Newarthili
Reed Executive
Revertex Chemicals
Rupby Portland Cement
Interiess
United Invs.
Newarthili
Reed Executive
Revertex Chemicals
Rupby Portland Cement
Interiess
United Interiess
Equipment
Interiess
Interies

Wasdspring 109680s. Red. 1914/7 £5.1644 Worthing 7*1968ds. Red. 17:10:79 5/5/160 THURSDAY, APRIL 20
COMPANY MEETINGS—
Blagded and Noakes, Connaught
W.C. 12
City and Foreign Inv., 117, Oto Bross E.C., 2,30

Street, E.C., 2.30
Hall Eng., Dorchester Hotel, W., 12
Rolls-Royce, Churchill Hotel, W., 12
Rolls-Royce, Churchill Hotel, Portman
Square, 12
Tate of Leeds, Loeds, 12
Turner and Newall, Manchester, 12
Woodhouse and Rixon, Royal Victoria
Hotel, Sheffield, 17.45
Torkshire Chemicals, Kirstall Road, Leeds, 12
Tute of the Catto, 1
Menu San Cattoria s and Gen. iars.
or Siddeley
e of Lundon
and Hill
Charm
(F.) (Textiles)
i (M. F.)
dent Life Association Catto, 1. New Bond Street, W. BOARD MEETINGS-

Finals:
Finals:
Holels, Clavton Son, Cirve Discount,
Coral Leisure, Dunlon, Hawker Marris,
Hestander, Hohronder, Port Hongkong
Filelangar) Bar, Lead Ind. Leile and
Godwin London and Hollywood, London
And Prov. Tst. Mowlen J., Oven Owen,
Perry Holl, Motors, Scottish Mort, and
Tst. Selection Tst.

Provident Life Association of Estates
Waskin
Interims:
Beradin Rubber Estates
Brotherhand Mills
Woodling And Homes
Waskin And Homes
Brotherhan Hotels 2.54p
Norlolk Capital Group 0.4p
Norlol Godwin, London edd i and Prov. Tst. Mowit Perry (H.1 Motors, Tst. Selection Tst. Inforims: Free State Geduid From State Seasiplass President Brand President Steyn Welkom Gold Western Holdings ation Holdings. Guildhall House. 12 Brothers, Winchester House. E.C., Siretley. Connaught Rooms, W.C.. 12
BOARD MEETINGS—
Stobel

Western Holdings

DIVIDEND & INTEREST PAYMENTS—
Angle-American Coal 40 cts.
Bizary 12pcBds. Red. 16 4:80 Spc
Calderdale 12pcBds. Red. 16 4:80 Spc
Carrungton Viyella 150505p
Emield 12pcBds. Red. 16 4:80 Spc
Firestone Tire and Rubber 27.5 cts.
Intl. Westminster Bank Finaning Rate
Capital Notes 40.13p
pswich 12pcBds. Red. 18 4:79 Stage
Medway 12pcBds. Red. 18 4:80 Spc
Lambeth 11 LocBds. Red. 18 4:80 Spc
Quaker Oats 26 tts.
Richmondshire 11 ApcBds. Red. 18 4:79
Stage Bestobell
Broths Group
Burmak Oli
Burmak Oli
Callendar (George M.)
Delta Metal
Garnar Scothiair
Horizon Midlands
Hoskins and Horton
Kuala Selangor Rubbe
Moprhouse and Brook
Menzies (Jehn)
Bouto Yorkshire 11 4bcBds. Red. 18-4/79 Yorkshire Passenger Transport tive 7 accids, Red. 17/10/79 South Yorkshire Passenger Transport
Executive 7-ignEdds, Red, 17:10179
31-ignC
Silecticy 3.965198p. 4':pcPi. 1 575pc
Union Bank of Finland Floating Rate
Capital Notes 39.81 cts,
Union Steel Corp. (of South Africa) 2.5
cts. 86f. 4pc
Waltham Forest 11'ipcBus. Red. 18:4/79
55-boc Menzies (Jami) Royco Securities Trust of Scotland United Carriers Viking Resources Trust Wade Potteries Meeks Associates Leteries

Interient:
| Interient | Inter 5-300 Wells Fargo 35 cts. West Hampshire Water Ord, A (100c Mac.) 3-50c. 8 //mlv. 4,90c Mex.) 2.45pc, 3.50c //mlv. 5oc) Ord. 1.75pc

10pcBds. Red. 19/4/78 £5.1644 rmouth 9'apcBds. Red. 15/10/80

£5.1644

losconsedd 0 Loscope.

3 July 1 July FRIDAY, APRIL 27 COMPANY MEETINGS— arild Impat. Trust Newca-COMPANY METINGS—
Carliol Invest. Trust Newcastle-uponType. 12:15
Invest. Trust Newcastle-uponType. 22:25
Invest. Trust. Rooms. 12
Type. 12:30
Type. 12:30
Woolworth IF. W.I. Connaught Rooms.
Woolworth IF. W.I. Connaught Rooms.
Finals:
Liberty Meserrings—
Finals:
Liberty Meserrings—
Liberty Meserrings— 19:4/78 £5.1844 oventry SupcBds. Red. 25:10:78 3 lanc umbernauld and Klisyth 10pcBds. Red. 19:4/78 £5.1844 Dwylor 10pcBds. Red. lyngor Dogbarth Dwylor 10pcBds. Red. Cyngor Dosbarth Dwyler 10pc5ds. Red. 19:4:78 £5.1644 Derwentside 10pc6ds. Red. 19:4-78 That's present 6 pc8ds. Red. Finals:

Tapc8ds. Red. 17/10/78 son Longton. Southern Construction

Opc8ds. Red. 18/4/78 £5.1844

Outh 9-pc8ds. Red. 18/4/78 £5.1844

Hermany Construction Port and Neston 6 action. Red.

Tenidy Minerals. Youghal Carpets.
Interies:
Hepworth (J.)
Lowland Investment
DIVIDEND & INVEREST PAYMENTS—
Bond Street Fabrics 1.85n
Buckinghamshive 10-pc Variable Rate Red.
1982 E3.1107
Crest Nicholson 2.3634p (Inc. Supply
Disbin, of 0.035p c a vr. ended 31.1076)
Downing (G. M.) 5p
Inverses S.4892p
Macghan-Gienivet 2p
Morgan U. P.I Inc. SS cts. Int. Dop.
Receipts to Br. Rep. 1.5 25 and
100 Com. Sharer issued by Morgan
100 Com. Sharer issued by Morgan
100 Com. Sharer issued by Morgan
Provision Financial 3.2508p
Pullman (R. and J.) 1.81p
Ricards and Co. Innovers 119271 1.15p
Wiggins Construct 0.77p
Wiggins Construct 0.77p
SATURDAY. APRIL 22 Hacking Standads, Red. 15/10/80 4/16/pc tale of Wight Etachds, Red. 25/10/78 3/apc Kricklidy Supcide, Red. 25/10/78

ealdy BuptBds. Red. 25:10/78 34pt and Carrick 10pcBds. Red. 19:4/78 £5.1644 Ancaster 10pcBds. Red. 19;4 78 £5.1644 Incolpshire 10pcBds. Red. 19;4:78 Eliconsmire Topicada. Red. 1914/78
ES.1844 Meirioanydd 10pcBds. Red. 1914/78
ES.1844 Moyashol Db. 3 pc.
Newbury 7 pcEds. Red. 1710/79 3 pp.
Newbury 7 pcEds. Red. 17.10/79 3 pp.
Newbury 11 pcEds. Red. 194/78 ES.5524
North East. Derbyshise 6 pcEds. Red.
25:10/78 3 pc.
Northamptonshire 6 pcEds. Red. 25:10/78
J-pc

25:10:78 3 lapt
Northamptonsline Supcleds. Red. 25:10:78
3 lapt
Northamptonsline Supcleds. Red. 25:10:78
3 lapt
Northamptonsline Supcleds. Red. 17:10:79
3 lapt
Northamptonshire 10pc8ds. Red. 19:478
C53:1644
Presell 10pc8ds. Red. 19:478
Res. Brothers 0.92:78p
Safford Supcleds. Red. 25:10:78
3 lapt.
Covertry 7pc Red. 19:78
3 lapt.
Covertry 7pc Red. 19:78
3 lapt.
Covertry 7pc Red. 19:78
3 lapt.

COMPANY NOTICES

Notice to Bondholders IMATRAN VOIMA OSAKEYHTIO 20,000,000 European Units of Account 93%

1975/85 Guaranteed Bonds Pursuant to the provisions of the Purchase Fund notice is hereby given to Bondholders that no Bonds have been purchased for the Purchase Fund during the twelve-month period from March 25, 1977 to March 24, 1978. Amount outstanding: UA 20,000,000.

NEDERLANDSE UNILEVER

formerty Van den Bergn's en Jurgens' Fabrieken N.V.

PREFERENCE IN ORDINARY

kaued by N.V. Nederlandsch

N.V. NEDERLANDSCH ADMINISTRATIE- EN TRUSTKANTOOR

Landon Transfer Office: Uniterer House. Blackfrairs. London EC4F 48Q.

empresa nacional hidroelectrica del ribagorzana s.a. (enher)

U.S.\$25.000.000 FLOATING RATE
NOTICE DUE 1979:90
NOTICE TO BUE 1979:90
NOTICE TO BUE 1979:90
NOTICE TO BUE 1979:90
NOTICE TO BUE 1979:91
NOTICE TO COLORDO 1770:1979
NOTIC

Solid Marble Paperweights

арег ...

fondon Paperweights Std.

London Proper weights life, Dept FT. 03P 47sr Happ Mayor, 1 Sealon 1973 787 (a) to -- options

EVE, 189. Resent Street, 734 0557. A is Carte or All-in Menu. Three Spectatular Phoor Shows 10.45. 12.45 and 1.45 and music of Johnny Hawkesworth & Friends.

GOYLE, 59 Dean Street, London W.1 NEW STRIFTEASE FLOOPSHOW THE GREAT ERITISH STRIP Show at Midnight and 1 a.m. n.-Fri. Closed Saturdays. Q1-437 6455

CLUBS

3th April 1978.

PERSONAL

IMATRAN VOLMA OSAKEYHTIO April 17, 1978

Friends' Provident Life Office NOTICE IS HEREBY GIVEN that the ONE HUNDRED AND FORTY-FIFTH ANNUAL GENERAL MEETING OF MEMBERS Is appointed to be held at PIXHAM END, DORKING, SURKEY, ON WEDNESDAY, 10TH MAY 1978, at

2.30 p.m.,
1. To receive the Accounts for the year ended 31st December 1977 and the reports of the Directors and Auditors thereon.

To elect Directors. To appoint Auditors and determin the basis of fixing their remuneration.

4. To transact any other ordinary business.

5. To propose, as special business, that the limit on the aggregate amount of the renumeration of the Directors be

increased.

A Member entitled to attend and tone at the above meeting is entitled to appoint a proxy to attend and vote on his behalf and such proxy need not also be a Member of the Office.

The lies was not required to proxy.

not also be a Member of the Office, The instrument appointing a proxy, a specimen of which is set out in rule 30 of the Rules of the Office, must be deposited at Praham End, Dorking Surse, at least forty-eight hours before the time of the meeting. Proxy forms may be obtained on application to the Secretary Members intending to attend and vote personally at the meeting should be prepared to quote their policy number.

umber.
By Onder of the Directors,
R.N. JOHNSON, Secretary.

R N. JOHNSON, Secretary, NOTIC: A copy of the Annual Report and Accounts will be forwarded to any Member who makes application for one to the under-mentioned address, or to 7 Blichin Lane, fundon ECSP-8BA.

Intends' Provident Life Office, Picham Find Dorking Survey RI-HIQA

AUSTIN REED GROUP

NOTICE IS HEREBY GIVEN that the Register of Members will be CLOSED and the registration of transfers of ALL CLASES of shares will be suppended from 8th to 12th May 1978 inclusive. No.
By Order of the Board.
G, J. TURB,
Secretary.

P.O. Box 2Aj. 103/113 Regent Street. London W1A 2AJ

April. 1978. · HEPWORTH CERAMIC HOLDINGS

NOTICE IS HEREBY GIVEN that the Share Transfer Spoke of the above named company will be closed from the 29th April to 5th May, 1878, inclusive, for the preparation of Dividend Warrants.

By Order of the Eound,
General House The Histals, Secretary. J. BIRTY Genetax House, Sheffield 510 3FJ.

CONFERENCES WEST END THEATRE AVAILABLE hire for meetings and conferences. Li retreshment lacilities available. Ph. 240 2076.

LEGAL NOTICES

No. 00102 of 1878

In the HIGH COURT OF JUSTICE Chartery Division Companies Court. In the Minister of APPERSETT IBUILDERS; LIMITED and in the Matter of The Companies Act, 1948.

NOTICE IS HEREBY CIVEN, that a Petition for the Winding up of the above-named Company by the High Court of Justice, was on the 10th day of April 1972, presented to the said Court by SANDELL FERKINS LIMITED whose resistered office is situate at: Cobtree House, Fornal Road, Aylesford, Maid-stone, Kent. Tumber Merchants, and that the said Petition is directed to be heard before the Court situing at the Royal Courts of Justice. Strand. London WC2A 2LL, on the 8th day of May 1978, and any creditor or contributory of the said Company desirous to sumont or oppose the making of an Order on the said Petition may appear at the time of hearting, in person or by his counsel, for that purpose; and a copy of the Petition will be turnished by the undersuned to any creditor or contributory of the said Company requiring such copy on payment of the regulated charge for the same.

BRABY & WALLER.

2.3. Hind Court.

Fleet Street,
London, E.C.4.

Ref: F/TTH. Tel: 01-363 S311.

Solicitors for the Petitioner.

NOTE.—Any person who mineds to appear on the hearing of the said Petition must store on, or sond by post to, the above-named notice in writing of his intention so to do. The notice must state the same and address of the person or firm, or his or their solicitor if any; and must be served, or, if posted, must be sent by post to the sent the above-named not later than four o'clock in the afternoon of the Std day of May 1978.

RE: DESASTRE

Administratic- on Trusticambor

The second half, yearly divideed of
2,75% (F), 0,33) and a second intering
dividend of 6,82125% (F), 0,2048275)
respectively for 1977 will be paid on
and after and May 1978. To obtain
these dividends, certificates must be
listed on forms obtainable from, lodged
with for marking, and left for the clear
days for examination by one of the
following banks:

Midiand Sank Limited. New issue'
Department, Mariner House, Papys
Street, London ECSN 20,2 Waring
Street, London ECSN 20,2 Waring
Street, Beight II 282.

Northern Sank Limited, Securidies Department, 3/4 Foster Place,
Dublin 2;
Clydesdaie Bank Limited, 30 St.
Vincent Place, Glasgow,
from which halts fuller details of the

Rale St. Anna Estates Limited whose registered office is Westaway Chambers, Don Street. St. Helier, Jersey

St. Helier. Jersey

NOTICE IS HERERY GIVEN that the
proporty of the above-named Company has
been declared "en desastre" (tantamount
to a declaration of bankrupsty) by Arr
of the Royal Court of Jersey, dated, the
7th April. 1978, and that the creditors
are required on or before the 6th June.
1978, to send their names and addresses
and twil particulars of their claims to the
Viscount. Royal Court House. St. Helier.
be excluded from the credit of any
distribution that may be made.
Any creditor who claims that any
amount due to him is a privileged debt
ranking for payment in priority to ordinary
debts, ar who has a surety, must so state
in his statement of claim.
Persons who are indebted to the abovenamed Company are required to pay the
amounts due to the undersigned.

Chief Executive Officer of the
Royal Court of Jersey.

ART GALLERIES

RROWSE & DARBY, 19, Cork St., W.1, SICKERT, Mon.-Fri. 10.00-5,30. Set. 10.00-12.30. 10.00-14.30.

COLNAGHI. 14. Old Bond St. W.1.
01-431 7408. INDIAN PAINTINGS—
Mughal and Raigut 1500-1850. Until
6 May. Mon.-Fri. 9-30-5.30. Sat. 10.1. FIELDBOURNE GALLERIES, 53. Oucens-Grove, N.W.S. ART IN RELIGION. FOX GALLERIES. Exhibition of the paint-ings by British and European Artists from 1700-1965. 5-6. Cork Street. London, W.1. 7el. 07-734 2825. Week-days 10-6. Sat. 10-1.

PERSONAL

URGENT

THE MARIE CURIE MEMORIAL FOUNDATION is proloundly grateful to those kind Irlands who have to date made interest iree loans enabling us to commission our two new homes caring for over 100 persously (if cancer patients). However, more leans, providing 3 wenderful dieldeng in the relief of human suffering, are urgerly needed to human che outstanding capital cost amounting to £1, million. Will you please hold? Repayment or on 7 days call. Details from the Secretary 124. Stoame Street. London SW1 95P. Tel. 01-730 9158.

I here are times when his view of your profitability is better than yours.



Consider for a moment how much you could find out about your company if you could share a tea break with one of the men who repairs and services your trucks.

He'd grumble about the one that's obviously a Friday afternoon job. He's been under it five times in the past two months.

He'd show you a tractor unit gathering rust while it waits for parts. And he'd point out the van that's gulping down petrol like it was going out of style. His conclusion, would be that you're losing money hand over fist.

Not only in terms of down time but of missed delivery dates and lost sales.

If you asked him for a solution, he'd suggest a fleet that was first and foremost reliable. It'd have to be economical too and also comfortable enough to ensure that your driver stays alert and efficient. In short, he'd be suggesting Mercedes-Benz trucks.

Of course, he'd also be suggesting quite a hefty capital investment.

Mercedes-Benz trucks may not be the cheapest trucks on the market.

In the long term, though, they can work out to be the most cost effective.

For a start, they're economical in terms of fuel, journey times and naturally reliability.

And, perhaps more importantly, because of these attributes, they'll play a significant part in keeping your service mechanic, along with your sales force; your warehouse staff, your drivers, and anyone else whose function depends on distribution,

happy with your company. Which, in

bald economic terms, means higher productivity.

Obviously though, we can't explore every aspect of Mercedes-Benz in an ad.

Right now you need more information. Get your secretary to tear this ad and send it to us with your name and address. And we'll be in touch.

Mercedes-Benz. The way every truck should be built.

Mercedes-Benz (UK) Ltd., P.O. Box 753, London SE1 51Z.

in Seyman

Welsh Develops Agency

correct line-following, the new equipment relies on the arc itself as the sensor to maintain correct tracking of the electrode above the init.

along the joint.

Any variations in the breadth.

of continuous control of the tracking of welding heads on MIG and MAG machines.

Far superior to earlier methods which relied on mechanical feelers to ensure mechanical feelers feelers feelers and the feelers are feeler on the description of the discovery at the discov

been 70 per cent. backed by from fight to neat may take only the system was shown for the NRDC and the work carried out ference through the sample to

slides which carry the welding Further information from ultraviolet vibrad.

ESAB. Box 8850, S402 71, few minutes.

The method is now fully Gottenburg 8, Sweden.

When the li

Protects metal surfaces

ANTI-CORROSION treatment for used in the compensators, ten-all ferrous metals, thought to be sinners and blow out preventers the first of its type which works of offshore rigs. absorbing surface moisture

corrosion from the atmosphere during storage. Applied either during the manufacturing stage or at the point of storage, Vinbrite can be used to protect the internal surfaces of pipes. brite can be used to protect the against corrosion.
internal surfaces of pipes or Isaac Bentley and Co., Naylor tanks designed to carry oil, gas Street, Liverpool L3 0PS, 051227 and the phosphate ester fluids 1177.

by absorbing surface moisture and then coating the surface with a moisture resistant film—which cannot be accidentally which cannot be accidentally rubbed off—has been evolved by lubricant specialist Isaac Bentley and Co.

Vinbrite DP7 has applications in all areas of industry where

phone in the wall of the cell. The spectrometer, OAS400,

Any variations in the breadth.

In the system was shown for the length or other dimensions of the arc from the correct parameters are immediately sensed and the differences translated into commands to two control motors.

These apply the appropriate adjustments to bring the arc adjustments to bring the arc adjustments to bring the arc back to where it should be, through a pair of worm-driven slides which carry the welding is required.

The system was shown for the NRDC and the work carried out first time earlier this month in by a team led by Dr. G. Kirkbright of Imperial College.

As little as two microlitres of the sample are placed in a very small sample cell which is simply pressure signal in relation to the inserted into the spectrometer. The sample is then irradiated data. Using high chopping frequency length, the spectral scan covering the range from infrared to lower modulation frequency seldes which carry the welding is required.

Further information from ultraviolet, via the visible, in a proportion of the sample of the sample are placed in a very the sample are placed in a very the sample cell which is simply pressure signal in relation to the inserted into the spectral scan covering the range from infrared to lower modulation frequency and it is proposed to combine ASEA/ESAB. The sample is then irradiated data. Using high chopping frequency ing the range from infrared to lower modulation frequency elements.

Further information from ultraviolet, via the visible, in a control of the surface may take several miliseconds—of the sample cell which is simply pressure signal in relation to the inserted into the spectral scan cover with light of increasing wave length, the spectral scan cover in the visible, in a proportion of the sample cell which is simply pressure signal in relation to the inserted into the sample cell which is simply pressure signal in relation to the inserted into

deeper. Wide application is expected When the light strikes the surrate of the sample, it is conin biological work and in the
verted into heat which in turn food, pharmaceutical, paint, oil
causes the pressure to rise in and semiconductor industries for
the cell, to an extent dependent example. More from EDT
upon the wavelength and Research on 01-961 1477.

Gauges wave velocity

perpendicular components of the velocity. Suitable signal pro-hydrodynamic forces acting on cessing and display facilities the sphere. The strain gauges are available from the com-

For a two dimensional unsteady flow one probe will give the time bistory of the velocity, while in three dimensional flows two probes will determine absolute velocity. Probe frequency response is flat.

More on 0252 514335.

 By agreement between the Financial Times and the BBC, information from The Technical Page is available for use by the Corporation's External Services

• COMPUTERS

- Aids examination of New kind of

Centres, the main problem is will be limited to 25 subscribers, finding somewhere to put the reducing the chances of any two machine, old or new, until the needing it at the same time.

METALWORKING

Welds are

kept to

right track

Work Carried out in the development will germany on behalf of the big Swedish welding specialist group ment of an electronic method of continuous control of the of continuous control of the proposed of continuous control of the cell.

Alds examination of New kind of New



Cutting the noise in factories

IN CASES where it is not pos sible to effectively reduce the noise at source in industry,
Acousticabs of York has developed a system by which the
whole building or working space
can be treated using panels
suspended from the root.

It has absord a had initial using pands credit

It has already had initial success with the Ministry of Defence
where the problem was one of the intense noise radiates.

where the ministry of Defence where the problem was one of intense noise radiated by tank diesel engines under test. Noise levels of about 100 dBA were experienced in the test area and conversation was impossible even 100 ft. from the vehicle. Using the suspended panel system, reductions exceeding 10 dBA have been achieved. been achieved. The company believes it is not

The company believes it is not widely appreciated that noise at any point on a busy shop floor at say in a machine shop is partially the result of the source sound being reflected from the acoustically hard surfaces of the source acoustically hard surfaces of the source of the sour roof. An important result of using absorbtive panels near the roof is that much less noise is perceived from a machine a relatively short distance from it whereas normally a particularly noisy machine will be heard at the other side of the shop.

The panels are made from steel

material particularly effective in the 500 to 200 Hz spectrum Several thousand of them may be required, suspended at various heights from the rost depending upon the acoustic characteristics of the total space acoustle damping of a major re shop; the reverberation time is typically cut by half and noise levels can be cut by 6 to 8 dB

where there are one or two par-ticularly objectionable sources

HANDLING tions by glass yarn and it emerges from the Multi-trip machine in the form of an endless "log" 2 feet wide, and 13 inches thick. The tubes crates

cost less heavy deposit on plastic data there are often serious delaysis, their return which place a dis-siderable burden on companie siderable burden on companies purchasing and re-stocking polcies. The problems, especially is the soft drinks trade, are most acute during peak marketis, periods. Now Ashton Containes

EXERATTEN and CUT

MEGNACHINE :- 0 : FIRE

FEER HORIZONTAL GU

MAGING MACHINE

BLE WES THE STATE

ROLLING MILLS.

THIOMATED COLD

DENGTH LINE

MAPT GRAVITY W

TRIAND CUT-TO-LE THE DRAWING MACH

SAWRE DRAWING MA

FORGING HAMM

PLITBING MACHINE

AND CRANE

ASTAND WIRE FLATTE!

THE STRAIGHTENING

A TION HIGH SPEED B

LEN No. 6 DOUB G PRESS. POWER PRESS.

TRACT DRILL HI

C. AUTOMATICS

TRELESS GRIND

MATIONAL

SINDLE GRIND

MOLE GRINDE

IC KEYWAY MIN

CENTREING

WANT

CE: MIT TRACK

NING MACHINE



PROCESSES Analysis of water

PYE UNICAM has released has launched a drinks crate maked details of its AC6 tester analysis from corrugated fibreboatd, system—which offers an alterna capable of making up to so tive to the conventional contrips. It is to the conventional contrips. It is to the company at analysis.

automatic chemistry unit, au-UV/visible spectrophotometer and a digital printer. The chemistry unit takes samples, adds up to 4 reagents, incubates (at any temperature between 20 degrees C and 70 degrees C and transfers the samples ready

for measurement in absorbance or directly in concentration. Results are then displayed on the printer, along with sample identification from the chemistry

moit.

The ACS works on a ffexible discrete principle. Every sample handled has its own disposal test tube, rather than being separated by an air hubble in a continuous tube. This has many advantages, the main ones being lower cross-contamination and therefore better result of discrimination, wide analytical

range, higher sample throughput and 4 taster interchange of analysis methods. - Pye Unicam York Street Cam-bridge. 0223 58868.



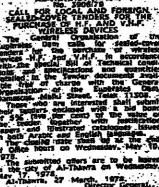
electrical vvire & cable?

ONO MINIMUM ORDER ONO MINIMUM LENGTH

LONDON 01-561 8118 ABERDEEN (1924) 32355/2 TRANSFER CALL CHARGES GLADLY ACCEPTED: 2414: EMERGENCY NUMBER 01 637 3567 Ext. 409

CONTRACT NEWS

CONSTRUCTION NEWSLETTER" for building and civil engineering contracts awarded, tenders invited, planning applications regional programmes, news of projects in the pipeline, a dary of coming events and a finance column especially prepared by city experts. For only £75.00 per annum "CONSTRUCTION NEWSLETTER" is essential to those who rely on contract information to run their business, Send for a week's FREE issues to: CIRCULATION, T.P.L. 23/29 EMERALD STREET, LONDON WCTN 3QL



Tel: 01-404 5531 ext. 39.

EVERY MONDAY on 01-248 8900 Ext. 456

insulation material for ships carrying liquelied natural gas at temperatures of minus 163 degrees C. Only part of the machine can be seen here as it is 271 feet long. It is now undergoing tests at the McDonnell Douglas Astronautics Company's plant at Huntington Beach, California. The material produced is 900 foot takers ig he built by Sun Skipkulide polyurethane foam stiffened in three directions. Tuesday 18th April to Friday 21st April 1978 A specialised exhibition for all buyers involved in warehousing, storage & distribution as source material for its over-Admission FREE - Tickets available at door.

CONTRACTS AND TENDERS



LONDON'S ONLY HANDLING SHOW

Second Storage Handling & Distribution Exhibition

National Hall, Olympia, London.

Lembaga Letrik Negara Tanah Melayu

National Electricity Board of the States of Malaya Bersia and Kenering Hydro-Electric Project **Contract for Civil Engineering Works**

PREQUALIFICATION OF TENDERERS

The National Electricity Board invites Applications from suitably qualified and experienced contractors wishing to be prequalified as tenderers for the Civil Engineering Works for the Bersia and Kenering Hydro-Electric Projects on the Upper Perak River, Malaysia.

Applications will be limited to Contractors from member countries of the World Bank and

member countries of the World Bank and Switzerland. The works shall comprise principally: BERSIA-A concrete dam of approximately 200.000 cubic yards, power intake, conventional above ground power station to accommodate three units with a total capacity of 72 MW, a

concrete spillway, and a switchyard. KENERING-A concrete dam of approximately 400.000 cubic yards and dykes to abutments of approximately 600.000 cubic yards fill, power intake, conventional above ground power station to accommodate three units with a total capacity of 120 MW, a concrete spillway, and a switchyard.

Tenders will be accepted either for the Bersia Development or the Kenering Development or for both the Developments as one Project. Applicants should first request a copy of the document entitled "Brief Description of Civil Engineering Works and Prequalification Document" from:

Project Manager Bersia and Kenering Hydro-Electric Project The Shawinigan Engineering Company Limited 620 Dorchester Boulevard West P.O. Box 3010, Station B

Montreal, Quebec, CANADA H3B 3L7.

Copies of this document may also be obtained

The Project Engineer Bersia and Kenering Hydro-Electric Project Hydro-Electric Division (Fourth Floor) National Electricity Board 129 Jalan Bangsar P.O. Box 1003 Kuala Lumpur, MALAYSIA.

Formal applications for Prequalification in triplicate should be submitted not later than June 1, 1978 as follows:

(A) Two (2) copies to Project Manager Bersia and Kenering Hydro-Electric Project The Shawinigan Engineering Company Limited 620 Dorchester Boulevard West P.O. Box 3010, Station B Montreal, Quebec, CANADA H3B 3L7

(B) One (1) copy to General Manager National Electricity Board 129 Jalan Bangsar P.O. Box 1003 Kuala Lumpur, MALAYSIA.

The National Electricity Board will not defray expenses incurred in the preparation of the prequalification application or the Tender and will not be obliged to accept the lowest or any

It is expected that Invitations to Tender and Tender Documents will be issued to Prequalified Tenderers on or about August 15, 1978 and that tenders will be required to be submitted approximately four months thereafter.

YEMEN ARAB REPUBLIC YEMEN GENERAL ELECTRICITY CORPORATION

This machine has been developed by McDonnell

Douglas Corporation for the production of

insulation material for ships carrying liquefled

132kV Transmission Project—Sub-stations It is the intention of the Yemen General Electricity Corporation to invite Tenders for 132kV substitutions for the Yemen Arab Republic.

Tender documents will be arranged in two parts-Contract YEM009 — Sub-stations

Contract YEM000 — Power Transformers.

Tenderers may quote for either or both Contracts.

Tenders will be called for on a supply, delivery, crection

and commissioning basis for:
(i) 132kV enclosed sub-station associated with a new power station near Hodeldah with 1 x 25MVA 132/33kV interbus transformer.

132/338V interput transformer:

(ii) 132/338V enclosed sub-station at Hodeidab city with 2 x 80MVA 132/338V transformers.

(iii) 132/338V sub-stations at Risabab, Bajil, Sana'a and Amran with outdoor 132kV and indoor 33kV equipment with a total of 2 x 80MVA and 4 x 15MVA, 132/33kV transformers.

32/33kV transformers. The scope of work includes all civil works, buildings, steel structures, switchgear, protective equipment and low voltage A.C. and D.C. switchboards and batteries and ancillary equip-

ment. The civil works associated with the transformers form part of the sub-station contract. part of the sub-station contract.

Firms with adequate experience who have registered their interests by 21st April will be sent further particulars of the Project. Only firms who have registered may obtain the documents which will be available for collection from the

documents which will be available for collection from the Offices of the Consulting Engineers—Messes. Kennedy & Donkin. Premier House. Woking. Surrey GU21 1DG. United Kingdom (Telex 859123) by the end of May. 1978.

A non-returnable fee of YR 2,500 or £300 sterling will be charged for each set of documents at the time of issue.

The Project will be financed by loans from the Saudi Fund for Development and The Arab Fund for Economic & Secrit Development.

Firms wishing to register should apply in writing to the Chairman, Yemen General Electricity Corporation, P.O. Box 178, Sana'a, Yemen Arab Republic, with a copy of this letter to the Engineer, Messra, Kennedy & Donkin

LEMBAGA LETRIK NEGARA TANAH MELAYU NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA TRENGGANU HYDROELECTRIC PROJECT Kenyir Dam and Associated Works Contract

Prequalification of Tenderers The National Electricity Board invites applications from suitably qualified and experienced contractors wishing to be prequalified as tenderers for the Kenyir Dam and associated works Contract for The Trengganu Hydroelectric Project on the Trengganu River in Trengganu, Malaysia. The works will comprise the construction of a 150 m high rock-fill dam with an ungated chute spillway, an intake structure, four 3.75m pressure conduits and a 100 mW surface power station.

Part of the cost of the contract may be financed from a loan of the Asian Development Bank (ADB) and a loan of the Kuwait Fund for Arah Economic Development (KFAED). In such event, contractors from countries that are not members of ADB or not eligible for financing under KFAED rules will not be considered.

Prospective applicants should first request a copy of the document entitled 'Brief Description of Works' which may be obtained from: Business Manager Snowy Mountains Engineering Corporation

P.O. Box 356 Cooms North 2630 NEW SOUTH WALES, AUSTRALIA. Copies of this document may also be obtained from: Project Engineer
Trengganu Hydroelectric Project
Hydroelectric Division (Fourth Floor)
National Electricity Board
129 Jalan Bangsar P.O. Box 1003
KUALA LUMPUR, MALAYSIA. Project Engineer

Formal applications for prequalification should be submitted not later than 22 May 1978. It is expected that invitations to tender and tender documents will he issued to prequalified tenderers about August 1978, and that tenders will be required to be submitted approximately 34 months thereafter.

For further details contact: FRANCIS PHILLIPS

APPOINTMENTS

Now

Guinness Park Royal managing director

Fig. M. R. Hatfield has been senior vice president the follow-appointed managing director of ing year. As executive vice president is Mr. Malcolm Prises, the company owned ing principal managing director of ing year. As executive vice president is Mr. Malcolm Prises, the company owned ing principal ing year. As executive vice president is Mr. Jerrold Goodman fointly by National Enterprise has been elected honorary ing network activities of AEBC and its subsidiaries in their 65 locations around the world.

Mr. C. J. Spence has been appointed a director of the in 1961, has been associated with appointed a director of the Assan correspondent banking amount in 1961, has been associated with sensiting of the Assan correspondent banking amount in 1961, has been associated with sensiting of the Assan correspondent banking amount in 1961, has been associated with sensiting of the Assan correspondent banking amount in 1961, has been associated with sensiting of the Assan correspondent banking amount in 1961, has been associated with sensiting director.

Mr. W. A. Cavender has joined Cybernet Time Sharing as well Network Information Systems where he was sales and marketing director.

The Secretary for Prices has where he was sales and marketing director.

Abelia and Mr. Peter Fowler, both specialists in Latin America, have been elected vice presidents of Mr. F. R. Bleasdale has

London-born Mr. Robert A. Savage has been elected vice presidents of tive vice president and Mr. C. C. Chim has been elected senior vice president of AMERICAN Mr. Tom Bibbert, has succeeded vice president of AMERICAN Mr. Tom Bibbert, has succeeded vice president of AMERICAN Mr. Tom Bibbert, has succeeded vice president of AMERICAN Mr. Tom Bibbert, has succeeded vice president of AMERICAN Mr. Michael Roberts as chairman for EXPRESS INTERNATIONAL BANKING CORPORATION.

Mr. Savage joined the London re-elected a vice-chairman and branche of AEIDC, a wholly owned subsidiary of American Express as the other vice-chairman for a the other vice-chairman for as the other vice president.

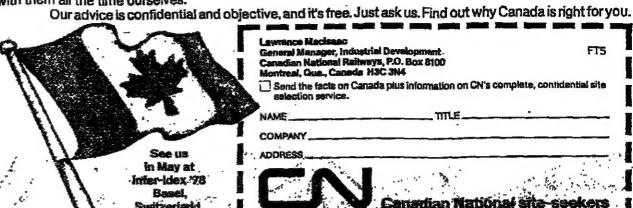
Mr. J. Martin has been appointed chairman and Mr. Robert R. Edgar has been appointed directors of WALTER formationally president of the PAINTMAKERS Mr. J. N. Martin has been appointed directors of WALTER formationally president of the PAINTMAKERS Mr. J. N. Martin has been appointed directors of WALTER Company, in 1965 as principal foreign exchange and money for the

The facts

Yours free from CN. Take a complete new look at all of Canada. Plant location data is Indispensable for the businessman interested in expansion in North America.

Get the facts...and CN's help. As the industrial development function of the only Canadian transportation network that covers all 10 provinces, we're at your service.

We consider your needs first. Then we can provide the right connections with government sources (federal, provincial, municipal), banks, or other industrial associations. We know them well because we work with them all the time ourselves.



New credit details out soon

Department of Trade, according fil2m. on new factories and to Credit, the journal of the Finance Houses' Association.

introduced in July.

Its emphasis would be on consumer credit transactions. This was aimed at enabling the authorities "to monitor more effectively the trends of business under agreements regulated by the 1974 Consumer Credit Act."

The provisions of this Act were being introduced in stages and would bring a big improvement in the protection offered to consumer borrowers. The new statistics were geared to this.

Rental receipts would be consumer credit industry—would be more representative of the consumer credit industry—would be asked questions specifically about running account credit. Figures on repayments would also be required.

The investment initially would browset that number eventually, it would bring much needed work for the construction industry in the area.

The Government was determined that every help should be given to the industrialist seeking to move to the Ebbw Vale area or expand business there, said Mr. Morris.

The task of finding new jobs was "daunting" and good communications were vital. He hoped it would be possible to bring forward a plan for a bypass between Roger Stone and Risca, in Gwent.

Mr. Ian Gray, managing direction of the Weish Development Agency, said: "We have already done a great deal of grand work

£12m. to be spent on creating new jobs in South Wales

OUIT SOON

A \$13m. package of Government in developing what will be a for site roads and services.

By Michael Blanden

By Michael Blanden

MORE DETAILED agures on the amount and pattern of instalment credit business in the U.K. are to be published soon by the Department of Trade, according.

A \$13m. package of Government in developing what will be a for site roads and services.

"Work on building factories will commence in July and the work was amounted at the weekend by Mr. John Morris, clearing the site and within the a year from now. The number wellsh Secretary. He said that next few days we expect to let of inquiries we are receiving after the ending of steelmaking a 12m. contract for site engi-about industrial premises in the least of the Valley area is very it had been decided to invest forms for the new factories, and encouraging."

Up to £8m. would be allocated Finance Houses' Association.

Mr. M. J. Erritt, a chief statistician at the Department reports that the improved information will result from a revised form of inquiry to be introduced in July.

Its emphasis would be on the Welsh Development to the Welsh Development to the Welsh Development to the Welsh Development and the Rassau industrial Estate; and a programme to provide 450,000 square feet of factory space in the area would begin.

The investment initially would provide up to 200 tobs with the

Telex 336414

0902 42541/2/3 Telex 336414 0902 42541/2/3 Telex 336414

0902 42541/2/3 Telex 336414

0902 42541/2/3 Telex 336414 0902 42541/2/3 Telex 336414

0902 42541/2/3 Telex 336414

0902 42541/2/3 Telex 336414 19902 42541/2/3 Telex 336414 10902 42541/2/3

0902 42541/2/3

0902 42541/2/3 Telex 336414

0902 42541/2/3

0902 42541/2/3 Telex 336414

0902 42541/2/3 Telex 336414 0902 42541/2/3 Telex 336414

01-928 3131

Telex 261771 01-928 3131

Telex 261771 01-928 3131

Telex 26177

01-928 3131 Telex 261771

01-928 3131

Telex 261771

01-928 3131

Telex 261771 01-928 3131

Telex 261771 01-928 3131

Telex 26177

01-928 313

01-928 3131

Telex 261771

Telex 26177

01-928 3131

01-928 3131

Telex 261771

01-928 3131 Telex 261771 01-928 3131

01-928 3131

Telex 261771 01-928 3131 Telex 261771 01-928 3131

Talex 261771

Telex 26177

Telex 336414 0902 42541/2/3 Telex 336414

cost less

ASERDEEN.

PLANT & MACHINERY

Description 1972 DECOIL, FLATTEN and CUT-TO-LENGTH line complete with automatic sheet stacking unit and coil reservoir. Max. capacity 1525 mm 0902-42541/2/3 wide x 3.25 mm gauge x 15 tonne steel coil. 8 BLOCK (400 mm) IN LINE, NONSUP WIRE

DRAWING MACHINE in excellent cor 200ft./min variable speed 10 hp per block 24" DIAMETER HORIZONTAL BULL BLOCK By Farmer Norton (1972). ROTARY SWAGING MACHINE

by Farmer Norton (1972).
SLITTING LINE 500 mm x 3.mm x 3 ton capacity.
TWO VARIABLE SPEED FOUR HIGH ROLLING
MILLS Ex. 6.50" wide razor blade srtip

MODERN USED ROLLING MILLS, wire rod and tube drawing plant—roll forming machine slitting—flattening and cut-to-length lines cold saws—presses—guillotines, etc. 1974 FULLY AUTOMATED COLD SAW by Noble & Lund with batch control. 970 CUT-TO-LENGTH LINE max. capacity 1000 mm 2 mm x 7 tonne coil fully overhauled and in excellent condition

965 TREBLE DRAFT GRAVITY WIRE DRAWING machine by Farmer Norton 27"-29"-31" TRIP FLATTEN AND CUT-TO-LENGTH LINE by A. R. M. Max capacity 750 mm x 3 mm.
BLOCK WIRE DRAWING MACHINE equipped with 22" dia. x 15 hp. Drawblocks.

15 DIE MS4 WIRE DRAWING MACHINES

5,000Ft./Min. with spoolers by Marshall Richards CWT MASSEY:FORGING HAMMER -pneumatic single blow.
ROLL FLATTENING MACHINE 1,700 mm wide.
ROLL FLATTENING MACHINE

COLES MOBILE YARD-CRANE 6-ton capacity lattice lib.

RWF TWO STAND WIRE FLATTENING AND

STRIP ROLLING LINE, 10" x 8" rolls x 75 HP

per roll stand. Complete with edging rolls. turks head flaking and fixed recoiler, air gauging, etc. Variable line speed 0/750ft./min. and 0/1500 ft./min. NARROW STRIP STRAIGHTENING AND CUT-TO-LENGTH MACHINE (1973) by

Thompson and Munroe.
SCHULER 200 TON HIGH SPEED BLANKING PRESS. Bed 48" x 40" 200 spn. Double roll feed stroke 35 mm excellent condition.

TAYLOR & CHALLEN No. 6 DOUBLE ACTION
DEEP DRAWING PRESS. Condition as new.
VICKERS 200 TON POWER PRESS. Bed 40" x 36", Stroke 8", NEW COND. AUTOMATED TURRET DRILL_HERBERT

6 station. 2 M.T., Plugboard control. Co-ordinate table. New 1974. Almost new. MACHINING CENTRE. Capacity 5ft. x 4ft. x 3ft. 5 Axes, continuous path 51 automatic tool changes, 5 tons main cable load. Main motor 27 hp. Had less than one year's use and in almost new condition. For sale at one third. of new price,
WICKMAN 31 SINGLE SPINDLE AUTOMATIC

Extensive equipment. EXCELLENT CONDITION WICKMAN 2: ASP AUTOMATICS 1961 and 1963. EXCELLENT CONDITION.
CINCINNATI CENTRELESS GRINDERS. Sizes 2 and 3. EXCELLENT. 4000 TON HYDRAULIC PRESS. Upstroke Between columns 92" x 52" daylight 57".

COLD HEADERS BY NATIONAL 1" and 1" DSSD EXCELLENT. LUMSDEN YERT. SPINDLE GRINDER. Mag chuck 60" x 18". Model 71LE. Reconditioned LUMSDEN VERT. SPINDLE GRINDER. 91MLT. Retractable Table 36" dia. EXCELLENT. ANKERWERK 400 TON INJECTION MOULDER Reconditioned, BUSCH AUTOMATIC KEYWAY MILLER

Automatic cycle, Hydraulic, EXCELLENT, BLANCHARD No. 11 GRINDER, Mag, table 17" dia. REBUILT. Very accurate.

HME 70 TONS PRESS DCP3. Bed 36" x 34",

stroke 6". EXCELLENT.

HEY No. 3 FACING & CENTREING.

Between centres 35". reconditioned WANTED

WANTED, WHEELED AND TRACKED EXCAVATORS, JCB's M/F and RB's-

(08862) 261



Sometimes the best time to do a day's travelling is overnight.

When you have an early meeting in a city far from your office, you'll probably have to spend the night away from home.

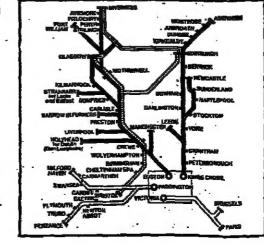
But you don't want to spend the preceding afternoon away; too. There is a chain of business horels They have excellent bedrooms

with all mod cons. A friendly night porter who will

bring you refreshments last thing at night. And who, first thing will wake you with a cup of tea or coffee.

What's unusual about these hotels is that they move during the night. When you look through the window in the morning, you may not recognise the which can help you out of this difficulty. scenery at all, But look in your diary and it will tell you exactly where you are.

In the right place for that early appointment. And in good time.





Inter-City

Have a good trip

CONDER

World leaders

in steel framed industrial

buildings Conder International Ltd

Skatepark

Building and Livil Engineering

£3½m. in City and outer London

THREE CONTRACTS totalling Associated Industries and con-THE SCOTTISH REGION of Ryan to mark the dredged £3im. have been won by Kyle nect it to an existing building.
The largely reinforced concrete

The largest is worth just over improvements to 100 Cannon and Dawbarn. Street, London, EC4, for Bilboa

House. Due for completion in two-storey laboratory building is September next year, the work to be constructed at the Central is to be carried out under the Veterinary Laboratory. Wood-direction of Hillier Parker May ham Lane, New Haw, Surrey, and Rowden.

Down in Surrey, at Cross Oak Agency. Work has already Lane, Redhill, Kyle Stewart is started on this £375,000 contract to construct a four-storey labora-which is due for completion by

Factory in

new Hoover factory at

£2m. and is for alterations and plete. Architects are Norman

British Railways has awarded a channel

A third contract is for the started and will take nearly two

Should a building

take the time it takes?

Or the time you've got?

Norwest Holst.

Lothian Regional Council has awarded two of them. One valued at over £1.1m. is for extensions and alterations at South Queensferry High School and the other, also at South Queensferry is for the construction of Echline Primary School, which will cost £302,359.

Defences against flooding

McAlpine in Cement works extended sextended skateparks for respective skateparks for the special and beginner; shave been won in Scotland by Norwest Holst.

Lothian Regional Council has awarded a £1.3m. Higgs and Hill will also instal steel sheet pile flood walls contract for work on the Thames plete with steel walings, ground the other, also at South Queensferry is for the construction of Echline Primary School, which will cost £302,359.

Work on the project has machinery.

Main advantages of such blasts the cost of installing a second with one-off complex designs for the contracts and beginner; shadical skateparks for capable of storing asphalts and movement is optimised with the Banking, pre-cast concrete; in-situ turnround time for a 20 tonne finished in Skatecrete; in-situ turnround time for a 20 tonne finished in Skatecrete; in-situ turnround time for a 20 tonne finished in Skatecrete; in-situ department of the U.K. from Hunt-West (a member of the Runt and Moscrop increased by as much as 50 per lations, but particularly indoor country as machinery.

Work on the project has

Merthyr Tydfil has been received foundations for the heat ex-years to complete. The contract the reconstruction of a lock of General levelling and excavaby the south west region of change unit for a continuous involves raising the river bank an unused canal which leads off tion of some 800,000 cubic metres.

Drake and Scull Engineering. casting plant at Ravenscraig for by about two metres and the the Thames. Consulting engin- on a site area covering 72 hec-

Russians drill a deep hole

TWO awards

The jetty, which will be 175 ing a 15km borehole on the Kola reinforced concrete deck supported on steel Rendhex box making preparations to penetrate policy up to 25 metres in length. Associated works will include mooring dolphins, fenders, supports for the ramp machinery and navigation begons in Loch at THE SCOTTISH REGION of Ryan to mark the dredged.

The largety rainforced concrete S75,000 contract to Read and structure will cost £1m and flusting the civil engineering take fust over a year to constructed at the contract of a fetty and associated structures.

I Under the third contract, a second contract of a fetty and associated structures.

I Under the third contract, a constructed at the Contract of a fetty is another than a second contract of a fetty in the constructed at the Contract of a fetty is another than a second contract of a fetty in the contract of a fetty is another than a second contract of a fetty in the contract of a fetty is another than a feed and Maillix is also under for the interest of the driftes usually receiving a pedestrian access bridge.

The facility has been designed to the contract of a fetty of the further work is also under for the further work in the contract of a fetty of the further work of the further wo Further work is also to be £3m. piling contracts

Crouch at Crawley

THE FIFTH housebuilding contract won by Crouch Construct on subsidiary of meter production until protection (construction subsidiary of meter production building, edge to the electrical and mechanical site for Crowley Bor boulding, edge and the subsidiary of meter production building, edge and the provided the contract is to be undertaken by larm, roads and car parks. Kier. Value of the contract is Robert Marriott which, like Crounded is building to factory for the Eyenbach on the contract of the front on the subsidiary of meters of the provided the contract calls for 88 dwellings by Milion Keyner fallow, in an advantage of the contract calls for 88 dwellings by Milion Keyner fallow, in an advantage of the contract calls for 88 dwellings by Milion Keyner fallow, in an advantage of the contract calls for 88 dwellings by Milion Keyner fallow, in an advantage of the contract calls for the exception of the state-end of the contract calls for fallow in the contract for Kier is complete.

Another contract for Kier is complete.

Work commences this mouth work at CBS Records development and a vast number of number of mused to kind the managing roads, sewers and services.

The conversion of a building the factory finished product, garant-gaging fallow contraction is substanced as a contract, worth at the contract calls for the exception of the plant in the contract for Kier is complete.

Work commences this mouth the units which will be of the units which will be of Kier is complete.

Construction of the electrical and mechanical story fallow for the production at the contract and a vast number of unused to the fallow of the fallow fallow for the extension of the plant in the contract of the production at the fallow fal

Work on the project has machinery.

tarted and will take nearly two Included in the contract is McAlpine and Sons.

Drake and Scull Engineering. casting plant at Ravenscraig for by about two metres and the the Thames. Consulting engin- on a site area covering 72 hectors the provision, the British Steel Corporation. construction of reinforced consulting engin- on a site area covering 72 hectors the provision, the British Steel Corporation. construction of reinforced consulting engin- on a site area covering 72 hectors are Sir Bruce White, Wolf tares will begin next month, with installation and commissioning This is worth £106,000.

Main advantages of such plants the cost of installing a second with one-off complex designs for seasons that existing manning levels mixing plant, claims the company, portable exhibitions.

The system comprises: Radical de milita pre-cast concrete of 0

in this country, says the Great and Outdoors Skatepark Company, said

into unsupervised skateparks for

Chippings strip in hot summer

THE REASON for at least 5m. the following months it was achieved in September, by square metres of Britain's roads double the average.

which time the chippings used spares. square metres of Britain's roads double the average.

found on roads repaired dising pints stripped off under traffic. Copies of the report may be August. Weather reports showed. This conclusion is supported obtained from Mr. R. J. News, there were consistently high by evidence of successful work Deputy County Surveyor temperatures during July and being undertaken immediately Hall Northallerton, North Yerk-August when rainfall was following July showers of rain, shire. The report costs at occasion remarkably light, although in Again a measure of success was appendices £3.00.

square metres of Britain's roads double the average.

Iosing 10 per cent. or more of their chippings during the winter of 1976-77 is auributed by the 1976 surface dressing work were longed periods of dry weather, County Surveyors' Society to due to stockpiled chippings as in 1976, surface dressing work were longed periods of dry weather, "super dry" dusty chippings.

The Society's conclusion through continuing but weather rain has fallen, or stockpiled follows a survey, carried out in with the result that the August chippings hosed with water to 129 highway divisions in 32 county was undertaken with super dampen them before use. They 129 highway divisions in 32 coun-work was undertaken with super dampen them before use. They ties and two London boroughs, dry dusty chippings. Their also suggest that the Transport to study damage during that adhesion to the road surface was and Road Research Laboratory winter to surfaces dressed the impaired and with the onset of might be asked to undertake previous summer.

The highest failure rate was October and November the chipmenon.

IN BRIEF

boilers for the British Gas tracts have been won by FPA potates a low pitched steel natural gas plant, Isle of Grain, Finnegan. Included are a new work, with aluminium

nearly £200,000 has been won by project.

Danks of Netherton for three • Over £400,000 worth of con-

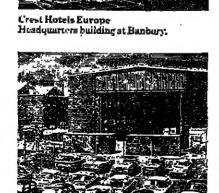
on the Adu Dhadi Corniche. Wiffal.

Bernard Sunley is the main con
Rosser and Russell is has awarded a £234,000 contract Acton. London. Work on this already engaged on a £2m conto R. M. Thompson of Leeds for project, commissioned for a total tract for the provision of air three advance factory units on of £250,000, is under way.

hospital for the mentally ill for cladding and colour coated steel

Rosser and Russell (International) wakefield District Council a wall panelling manufactured by tional) has won a £750,000 concouncil house modernisation protract for the provision of plumbject for Kettering Borough Lesser Construction Southing, fire and sanitary services at Council and another council has been awarded a contract by the Abu Dhabi National Oil house improvement scheme for the Brest and Harrow Area. Company's residential complex the Metropolitan Borough of Health Aothority to design and on the Abu Dhabi Corniche Wirral. build a geriatric day hospital at





The buildings above have one

thing in common: from brief to

completion took less time than

So did we cut corners? Rush

them? Give them special priority?

construction and the high quality

of detailing and finish make that

No, they went through the

normal Lesser Design and Build

Lesser Construction Limited,

Telephone: 01-570 7755.

CHOOSE

The Lesser Building, Staines Road, Hounslow TW3 3JB.

you'd think possible.

We did not. The solid

Take chances?

quite clear.



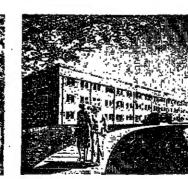






8 7 6 8 7

Arthur Guinness Son & Co.



F. W. Woolworth & Co.

Offices at Osterloy, Middle sex.



Swallow Hotels 120 bedroom extension t Scot Hotel, Edinburgh.

routine. And that's why they took less time to build.

At Lesser, we practise that art of doing more than one thing at a time. Because architects. engineers, planners and builders are all Lesser people, part of one integrated team, we can clear the site while our architects are . designing...put in foundations while our engineers are working out acoustic finishes...get in the bricks before the colour of the tiles



in the loo is established. We can slash the pre-contract

period, and usually take months off the time spent actually building. Not surprisingly, when all the benefits are considered, we tend to end up about 10% cheaper. Because at Lesser, your project

is indeed handled by first-class engineers and practical professionals. But it's controlled on your behalf by a hard-headed businessman, whose job it is to

treat you not as a client - but as a customer. Now, which would you rather be?

The buildings shown here are a handful of those we've built for dozens of satisfied customers all equally important, equally valuable to us. For detailed casehistories, or facts and figures on the savings you make with Lesser Design & Build, phone Mike Barraclough on 01-570 7755.



And at: Birmingham (021-705 0111) Glasgow (041-221 0124) Manchester (021-705 0(11) Newcastle (9632 612992) Nottingham (0602 56557)

and feel at home



The sinews of industry Industry needs its buildings quickly and cheaply.

It also wants them maintenance free and fire resistant.

Crendon structures offer all this and more. They are engineered to be adaptable and capable of almost any elevational treatment. This way Crendon structures fit the architects plans as well as the customers needs for factories, warehouses and offices. The Crendon 40 frame for example, a thoroughly flexible system allowing almost any combination of span sizes and roof levels to be achieved in a single structure. An important consideration where, as is frequently the case, factory or warehouse and say a two storey office block are to be combined. Our technical leaflet explains some of the structural variations and the design freedom which the Crendon system

CRENDON





Annual General Te Mandon, The following

Executive's and Office World

WHEN OVER 500 of Europe's chairmen and chief executives spend more than a week together in a plush Swiss ski resort, they risk sending their desk-bound minions either green with envy or red with

When only a tiny minority of the favoured 500 chose to go on to the ski-slopes, instead of crowding into a subterranean conference hall to hear famous names discuss the need for better product innovation, and the future "plutonium eco-nomy," the reaction becomes more confused. All right, they have not come just for the ride But why are they there? Is it worth the £1,860 a head, plus travel, hotels and food, which in almost every case their companies will have stumped up for them?

In an extreme form, these questions about the European Management Forum's 1978 at the European Petrochemical things. Davos Symposium epitomise Association's last annual getand exclusive "briefings,"
"seminars" and "conferences"
on non-specialised topics which are held almost weekly across

Take the enthusiastic reaction to bard-worked, often frantic chief executive or chairman to spend well over an hour a day reading articles which may not Europe.

which their businesses are sion" operating, an attitude which can

only augur ill for their future. Take the senior Italian executive who, in all seriousness,

months, forecasts of average written word far less readily

The obvious retort to all this consideration will see a clever
demand growth have ranged than the spoken. Third, there is that top businessmen should and subtle drift. between zero and 8 per cent." is an unfortunate, though under- have a minion who, in jour- Whether the figures are

europcar

To rent a car in London.

Bristol, Southampton,

Manchester, Glasgow.

Edinburgh, Birmingham, Gatwick, Heathrow,



Learning deft footwork for use in the Boardroom, or just a pleasant escape from reality?

are held almost weekly across group that, in his experience, There was certainly little more problems arise. If you product area? doubt in the minds of the top split things up into small from various aspects of the action-packed conference. But some of their reasons for attending betrayed an alarming should have provoked yawns, larger and stability. And the workers man); "I read masses of themaction-packed conference. But what's going on." Surely such it's part of my job" (a German). In between was the Belgian who reads four general members of the environment is ignorance of the environment in rather than animated discus- papers a day, plus several

Unfortunate

within the past nine the top, comprehend the decisions.

Coming from a journalist, this doubts about the real value of together-in a beauty spot to first observation reeks of selfthe plethora of less expensive rival Davos, the city of Venice.) interest. Is it realistic to expect and exclusive "briefings."

Take the enthusiastic reaction a hard-worked, often frantic the seminars and "conferences" at Davos to the Swedish

The straw poll threw up two

'external factors" all over the To judge from a straw poll I world. Like almost everyone SOME remarkable figures con- Suddenly everything

or ideas, which upset estab- through 30 or more papers a could well be correct; but First children are believed by whichever group the husband lished ways of seeing and doing day, from all over the world, generalisations are dangerous

and apparently never likely to move from a desk-and so keep ing regular hours—suddenly receives rapid promotion which leads to overseas business trips, much danger may exist. The young wife, who never hargained for sudden, long partings, may well feel lonely.

Why top managers are blind to the outside world

BY CHRISTOPHER LORENZ

past few years, have realised the assimilate ideas through verbal, often provides only one point of time, if only executives did their plan their next campaign, why doubt in the minds of the top split things up into small their browners at Davos this year that groups, you help create identity their businesses would benefit and stability. And the workers from various aspects of the react better if they're told articles and stability. The straw poll threw up two potential significance of reports rather than written community one point of their provides only one point of their provides only

and cuts out a selection of watch industry a blow from tives find it difficult fully to tant external factors which will entirely different businesses, and articles he thinks his boss which it is only now recovering, comprehend the sort of docu-soon affect their business—if in a wide range of countries; can ought to read.

Less obvious, but perhaps of ments they have to deal with they are not doing so already—he go on spending most of his This misses the point. What still greater importance, are the for most of their working day, was given by an executive from in marketing? Should be alter This misses the point. What still greater impressions, at the state of the point of the businessmen at even more indirect indicators a let alone material on issues Britain. "The top man 15 his marketing approach? What Davos seem not to have noticed company chief may pick up which are not utterly familiar afraid to confront new ideas, should he do when the "big

replace the top manager's judgate and discussion increases in ment or intuition for what is relevant to him. The cuttings service of, say, a Swiss watch manufacturer would presumably have picked up every development in the traditional integration. If ne's only five or business deal at the conference even eight years away from cover the years. In 1977 a jeans factory was sold to Bolivia. Upl. representatives of the trade—so that even the laziest person is forced to think. Few pat answers are provided a constant are upper a position. If ne's only five or even eight years away from retirement, the last thing he'll such as the conference over the years. In 1977 a jeans factory was sold to Bolivia. The more important are upperson is forced to think. Few pat answers are provided a constant and for meaning to the solution. If ne's only five or even eight years away from retirement, the last thing he'll such that for meaning the solution is create such upperson is forced to think. Few pat answers are provided a constant are upperson is forced to think. The cutting is the first of the firs

Davos seem not to have noticed company chief may pick up in their reading over previous from an article which at first months and years were the sight appears totally irrelevant; sight appears totally irrelevant; but of developing trends which an analogous issue in another industry or country may be suddenly set him thinking. It is not surprising that the within the medium-or long-term planning horizon.

No cuttings service can replace the top man is his marketing approach? What afraid to confront new ideas, should he do when the "big if he does, he'll have to change the way he runs the firm. That which industry or country may person discussion are generally suffered in the medium-or long-term planning horizon.

But even for the less mentally lazy, speeches and person-to-means upsetting the status quo which implies that his authority will be challenged on all sorts of points. He may have or take more notice of the young able service of pitting one extreme against another—Franz and discussion increases in discussion to an execu-

pat answers are provided, a con- lest all this seems to suggest ons. To quote one company roup that, in his experience, appear directly to concern his ment in the traditional industry. But why the most assistance on the average that top level briefings and con- chairman: "If my junior sales the bigger the workplace, the product area?

symposium.

The German engineering boss

long as the annual Davos

may be unusually widely read, but he returns to Davos year after year. It gives him the chance to think in peace, he says, away from hourly pressures and interruptions. He values the small group discussions as a regular way of checking his corporate strategy against other

EXECUTIVE HEALTH

BY DR. DAVID CARRICK

feels this is still far too little, in view of the growing importance to business of

damaging publicity: careful him.

asked the nuclear experts on the platform to get together and took of about 30 participants, at Davos, he runs a business cerning the effect upon mar-changed; new responsibilities business meetings, however, produce an agreed forecast for from eight countries, there are with operations in several riages of overseas business trips energy supply and demand in three main reasons why top countries, and is all too aware by husbands have been published by British Airways. No managers are so ignorant of of how difficult it is to keep Why, in this day and age, did not not be the wife has many friends and trends in the outside world, up with underlying international by need to be told how difficult. First the test has a second for the second first trends. The provided in the control of the second first trends. For the second first trends in the outside world. The trends first the test has a second first trends. For the second first trends in the control of the second first trends. For the second first trends in the control of the second first trends. For the second first trends in the control of the second first trends. The second first trends in the control of the second first trends in the control of the second first trends. The second first trends in the control of the second first trends in the control of the second first trends. be need to be told how difficult First, the top brass read far trends. Far from journalistic fewer than 50 per cent, of his new duties, may be anxious, tary organisations, the husit has become to make accurate too few general magazines self-interest, he sees the reading the executives sampled blame If he refuses to go, then ad- band's absences may be hardly predictions of any sort? Had he and newspapers. Second, most of a wide range of newspapers domestic discordance, including vancement can be forgotten. If noticed. Indeed, I know one never heard the sort of admis- people, even those with years as crucial to his ability to make divorce, upon such adventures, he goes, it may be economically woman whose husband works in sion, all-too-common nowadays, of experience on their way to both short-term and strategic At first sight this appears to be impossible to take his wife with the U.S. and comes

Anxieties

(This particular one was made standable, unwillingness to take nalists' jargon, "tastes" general accurate or not, nobody could The next dangerous period is All this is somewhat idealistic notice of uncomfortable events reading matter for him, sifting disagree that the contention when the first child is born, because, in certain cases, to and should be examined with their parents to be as fragile as may belong, a resentment which care. The stress occasioned a gas-mantle. The slightest all. can lead to suspicion never among the wives of the periment provokes great anxieties in wanes unless fate snuffs it out patetic executive may be very the parents. If the husband is Always the unfortunate woman considerable, depending on cir. away when such a situation says (or merely thinks): "Why cumstances. If stress does arises, then not only may the occur, it is induced by a mix. wife feel desperately lost but ture of emotions, including lone. has an unhappy notion that the linear man's journeys are linear man's fourneys are linea

whether alterations in status afford to take his wife on men never change and are as rapidly and unexpectedly.

If a young man in a lowly exespecial programmes are proUndoughtien properties.

has vided for partners. For ordinary only on holidays. True his children wonder who he is, but otherwise all seems to be har-

suspicion and even jealousy. But way, to blame for being so callounges, sunny Stuttgart, dull factors, including the case of lous and lacking in foresight. couples and the stage of their grown up, and the marriage is is made far worse by domestic marriage: the presence and age on a more mellow basis, the paracrimony. True again that there of children: selfishness on the ticular problem diminishes. are some philanderers who give part of both partners; and Sometimes the executive can real cause for jealousy; but such and responsibility have arisen journeys to conferences which tiresome in Tottenham as in

some wives, which reflects badly burnan problems and human upon the husband's efficiency, wives, and arrange for social ture of emotions, including lone. has an unnappy notion that the certainly essential, and all that upon the husband's emiciency, wives, and arrange for social liness, resentment, frustration, wretched man is, in some odd by its control of the isocial of the interest of ments. Finding solutions is not lonely wives, having understood much depends on a number of four and tacking in foresignt.

meetings, and more airports, which the matter may be eased were to be, would gain a greater than the strain of the operation by thoughtful management comprehension. And if easy. But there are ways in what the objects of travelling First and foremost is the desire occasionally the firm would pay

Undoubtedly the stress to their people as human with be very pleased.



. . . his children wonder who he is.

ability of bringing the wives to for their man and his wife to meet her husband's colleagues travel together, life would be and superiors.

If firms, particularly large successful than it tends to be. enterprises, would consider And British Airways would

far less stressful and thus more

JOHN I. JACOBS & COMPANY LIMITED

THE INSTITUTION of

ELECTRICAL ENGINEERS

OPEN MEETING

On STATUTORY REGISTRATION

and LICENSING of ENGINEERS

25th APRIL at 5.30 p.m.

at IEE, Savoy Place, London WC2R 0BL

Speakers from Canada, USA and South Africa

will outline the SYSTEMS which operate

in their Countries.

NO TICKETS REQUIRED. Further information

can be obtained by ringing the IEE on

01-240 1871, ext. 280.

A year of sound consolidation

The Annual General Meeting of John I. Jacobs & Company Limited will be held on 12th May, 1978 in London. The following is a summary of the circulated statement of the Chairman, Mr. J. H. Jacobs:

Our company continues to be served by a most expert, hard working and pleasant band of people and I thank one and all for. enother splendid year of effort in extremely difficult times for

1977 has been another year of consolidation for our company. We have continued to put our house in order following the changes forced upon us by the great and continuing shipping slump. We are in a very strong position waiting for the upward particularly in the tanker market, which will surely come one day. I cannot personally feel that such an upswing is round the corner but I am confident that most of us will live to see it.

New freehold premises

The major event in our year was, of course, our move in the middle of May into our own new freehold office building. Such an event is a big upheaval for any going concern but I am glad to report that with the goodwill and ready co-operation of all our staff, we quickly settled down in our fresh surroundings and got on with our work as usual.

One matter of paramount importance for us, with our highly competitive international business, is our worldwide communications. Here I should like to record our appreciation of the service we obtained from the Post Office and congratulate that often much maligned organisation both for the calibre of their engineers who looked after us and for the willing way in which those engineers tried to satisfy us all.

Not until very recently has the demand for modern office space in the City given us much prospect of disposing of our lease of the two tower block floors we previously occupied in Winchester House. Now, however, I am able to advise you that we are in a serious negotiation for the occupation of one of these floors and we have also had some enquiry about the other one. It is therefore reasonable to believe that before too long we shall be feeling the substantial benefit of being free from this drain on our

Hard work in difficult markets

All departments of our business have again worked well in difficult markets. Like any such business we have had our successes and our failures, but a reasonable share of the London business transacted by all sections of the broking fraternity, i.e. tanker, dry cargo and sale & purchase, has been arranged by our company and we are well placed with good teams to service all clients when there is much more business to be done at considerably better rates.

Jacobs & Tenvig Offshore Limited, the offshore broking company in which we have a fifty percent interest, has now established itself as a very going concern and this will be a worldwide growth area for some time to come.

R.K. Harrison & Co. Limited, our Lloyds broking friends, also

continue to prosper and I would again remind all stockholders that they would very much like to handle any insurance business required by any of you at any time.

Precluded for the time being as we are from benefiting our Stockholders by a reduction of our capital, we must instead endeavour to make steady increases in our dividend payments. With this in mind we have been endeavouring to make the cash we are holding work as hard as possible for us. I am pleased to be able to report that we are mainly invested in short or medium term fixed interest securities and deposits and these are earning What I consider reasonable returns coupled with safety. We have a small commitment to the equity market but only in first class stocks which will undoubtedly recover with the next upward Swing of the market.

Prospects tied to world shipping

As far as our country is concerned I wish I could feel happier for the coming months and years than I do, I must confess the future worries me more than a little. Under the surveillance of our creditors, the constraints imposed by the present parliamentary position and by dint of employing some of the opposition's policies, the Government have been treading a less damaging path than might have been expected. With an election within sight, it is reasonable to suppose that this state of affairs will continue for a while. As it is, both personal taxation and. corporation tax are still far too high, neither being too great an incentive to the hardest work. The number of people employed by Government continues to proliferate at an alarming rate with yet new taxes and interferences of all kinds seeming to be in the pipeline should an anti-business Government attain a parliamentary majority.

North Sea oil, largely financed by good old fashioned capitalism, has of course been the major influence in the turn for the better in our economic affairs. I just hope that the proceeds therefrom will be used to put our house in order, pay off our overseas debts on time and generally restore the good name this country used to have around the world for rectitude and discipline in all its affairs big and small. Otherwise we shall just sink straight back into the pit from which our oil bounty has partly wrenched us for the time being.

Our company prospects remain tied to the state of health of world shipping. This patient has been and still is very sick. I wish I could say that convalescence and a robust condition are now in sight. Realistically they are not. Therefore, as I have earlier temarked, whilst we are strong enough to wait for the turn no matter how long that may be, we shall not show materially better trading results until it comes. I can, however, say that we shall at least be able to pay the same rate of dividend for 1978 as 1977 and I am not without reasonable hope for something better than

"Provident Mutual's performance in 1977 was conspicuously above the industry average."

Extract from the Chairman's statement-Mr. David L.M. Robertson,

"The constraint of the Government's Incomes Policy and rising prices further depressed real incomes during 1977. The growth of new life assurance premiums for the insurance industry as a whole was limited to 6 per cent of the 1976 figure which emphasises the reduction in real value of disposable income. However the Association's new annual premium income for 1977 increased by 18.9 per cent on 1976 to £13.2 m. and the total premium income for the year at £56.4 m. compares with £43.6 m. for 1976. This performance, which is conspicuously above the industry average, is the result of determined effort by management and staff who are to be congratulated on an excellent achievement."

"At the beginning of 1977 the Association's increased interim bonus rates and the improved competitive position on contracts produced an increased flow of new ordinary life premium income which made a notable contribution to the year's results."

"Interest in group pension schemes started to increase in the latter half of the year stimulated in part by the approach. of the new earnings-related State Pension Scheme. Although the 1977 results include little from this source, those for 1978 should disclose a revival in this business. Individual pension contracts continued to be a buoyant source of new business and the Association obtained a good share of the market."

Bonuses

"I am confident that we have done as well by our with-profit policyholders as is consistent with the paramount need to ensure there are adequate reserves to meet future liabilities."

"Whilst the bonuses recently allotted. have increased and go some way to preserving the value of savings, the fact remains that any means of savings is under pressure to maintain its value in terms of high inflation. The Association welcomes the spur of competition between the different constituents of the insurance industry to ensure that in the present consumer-orientated times its policyholders get good value for money. It must be said that a major reason for higher bonuses is the higher investment earnings which go hand-in-hand with high inflation rates." **Provident Mutual Managed Pension**

Funds Subsidiary "The Managed Pension Funds subsidiary has had a successful year. After three years spent establishing a creditable investment record, this company last year doubled its funds under management."

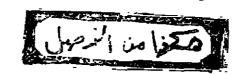
Summary of Principal Results 1977

£0000's

11,111

New premium income £000's Annual premiums 13,186 Single premiums 12,429 (including considerations for annuities) Total fund at end of year 302,148

LIFE ASSURANCE ASSOCIATION-FOUNDED 1840 25-31 Moorgate London EC2R 6BA



A moo from a sacred cow

BY ANTHONY HARRIS

Wednesday of Mr. Justice Cooks, crimate or opinion by rather than had management earn.

That led Mr. Charles E. Jessop, They are, after all, bigger in president and chairman of the clearing banks, president and Gloucester who can hardly blow their noses Commission has gone through point of the relationship between in 1976 and now being translated on to the Statute Book, aroused Building Society, to launch a without permission from Thread-two distinct phases in its 13 law reform and the social on to the Statute Book, aroused day they were involved the same fate. On Same of Forest long translated on to the Statute Book, aroused day they were hovived the same fate. On Same of Forest long translated on to the Statute Book, aroused day they were hovived the assert heavily and, peace in the case players who could be same fate. On Same of Forest long the same fate. On Same of Forest long translated on to the Statute Book, aroused day they were hovived as the extra spark needed for the painful, goalless draw the same fate.

The last five years has thus been a period of consolidation the same fate on the same fate.

The last five years has the same dead for the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the same fate on the same fate. On Same of Forest long the case of the same fate on the case of the same fate. On Same of Forest long the same fate on th IT WAS probably bad luck mate object of Government conof annual general meetings is in the second half of last year, moment to take stock. Stock of the legal cognoscenti, but is unpredictably. Be that as it may, ment stock sold to the non-bank of headlines he may have expected, in which the money supply is and it is the duty of this column and this is the duty of this column and the fact that they have probably here salies took over in January. 1973, there ceived the idea of a period of consolidation in the been a period of consolidation and continued production and continued production of the legal cognoscenti, but is one inhibiting factor in an and continued production of the relegation into the many valuable proposals of the last of the legal system. It is the plethora of excited less of the admiration—some of its superficial—that they been a period of consolidation and continued production of their relegation into the second Division on the last of the legal system. It is the plethora of the admiration—some of its superficial—that took over in January. 1973, there ceived the idea of a permanent.

from carrying out the purpose of their existence," he said, expressing a sentiment which is no

Sealed world

the general sproach of a really spectability, and above all view that the soci well-run Christmas club. Build-because they are political sacred a wider role to pla ing society managers know that cows; but they should not prothen just that of they handle important sums, but test too loudly if someone occarresearch material they cannot get used to the idea sionally asks that they should made use of in that this makes them a legitimot behave like rogue elephants.

TV Radio

† Indicates programme in black and white

5.06 John Craven's News-land 5.10 Blue Peter. No

BBC 1

South-East only).

6.20 Nationwide. 6.35 Ask the Family.

8.10 Panorama.

Dependent

Not only do the building socie of the reality. of us—as the external value of sterling, and a monetary policy which achieves its objectives without credit crunches. If Mr. It is some years since I was after due time to digest the intimately concerned with the Budset, he might legitimately but what I have read since probut what I have read since pro- appeared to be putting a burder vides no evidence, in Mr. Jes on monetary restraint which on monetary restraint which sop's formulation, that the movemight well starve the movement
ment's managers do not still of funds later this year; but that
inhabit what is in many ways a
would mean admitting that some
hermetically enclosed world of restraint now is only prudent.
their own. It is limited on the
In short the movement, rather In short the movement, rather

casional incursions of Government has always been very movement has always been very rather be thanking their status. touchy about any suggestion that said their own well-arried reputed had anything to do with that they are not far more the house price boom of 1972-73; heavily controlled and directed. the house price boom of 1972-73; that they are not far more house prices are clearly an Act of God. So, more accurately, are general economic conditions—though Mr. Jessop's account of the 1976 economic crisis as an even; "which adversely affected mortgage lending" can be taken, as a call for special deposits, let perhaps unfairly, as an example of their perapertive on these of their perspective on these ment to make a weekly statistical return on a form with several What is so baffling in the answers. Building societies avoid Commission's work.

movement is the combination of all these burdens and annoy-astronomical sums handled with access because of tradition, reperture and approach of a really spectability.

10.55 To-night. 11.33 Weather/Regional News.

Northern Ireland-3,53-3,55 p.m.

and Weather for Northern Ire-

England 5.55-6.20 p.m. Look East (Norwich); Look North (Loods, Manchester, Newcastle);

6.40-7.55 a.m. Open University. 11.35 Weather/Regional News.
9.38 For Schools, Colleges. 10.45 All Regions as BBC1 except at You and Me. 11.22 For Schools. the following times:—

Colleges. 12.45 p.m. News. 1.00 Wales—1.45-2.00 p.m. Plil Pals.
Pebble Mill. 1.46 Camberwick 2.18-2.40 For Schools. 3.55-6.20
Green. 2.01 For Schools, Colleges. Wales To-day. 6.55-7.20 Heddiw.
3.15 Songs of Praise. 3.52 Regional 11.35 News and Weather for

News for England (except Lon-don). 3.55 Play School (as BBC2 Scotland—5.85-5.20 p.m. Report-11.00 s.m.). 4.20 Tarzan Lord of ing Scotland. 10.55 Public Account. the Jungle. 4.40 Cheggers Plays 11.20 News and Weather for Scot-

5.40 News, Northern Ireland News, 5.56.20 5.55 Nationwide (London and Scene Around Siz. 11.35 News

F.T. CROSSWORD PUZZLE No. 3,644

THE WEEK IN THE COURTS

Law Commission's time to take stock

bird a judge who had a nose for public relations and who was an effective communicator both to the Press and to the legal

Contrast

was a supreme scholar who liked 11th report in June 1972 on recent years, the role of a backroom thinker, criminal procedure was found and shunned the limelight. The unacceptable by large sections of description of him by an old the legal profession and the hand at the Bar as "the kindest public, and necessitated the settand gentlest man to grace the English Beuch since the war" was not only a well-deserved tribute but was acknowledgment of a retiring and over-shy man. Hence the Law Commission in the last few years has not thrust its continuing good works under the noses of the public.

One of the striking features of the Scarman era was the chair-man's devotion to research of immediate practical value to law reform. As a result social re-liability for damage or injury to mission wishes to parcel off a search findings by social scien-tists have formed an important spiracy.

report a year ago, it stated its view that the social scientist had than just that of a producer of called The Field of Choice, extent on the effectiveness of the research material that could be which hrilliantly pointed the way Law Commission in its relations made use of in particular law

WITH THE untimely death last He must actually influence the The either side to that family Wednesday of Mr. Justice Cooke, climate of opinion by long-term law coin, the jurisdiction of the

and it is the duty of this column to put such matters right.

Mr. Jessop started by apologisting to would be orrowers who moved have to be disappointed in the state of the market this year, but their applications because of Government restrictions on the growth of lending. "It seems deployable that building societies should be artificially restricted such market.

Ever since Mr. Justice Cooke Gardiner as Lord Chancellor concharacterised its first period of that they does of a permanent, office. There has in fact been full-time body engaged in law no slackening in the pace at the state of the market this year, straight hack. Standar's display it was a good deal to do with the state of the market this year, straight hack. Standar's display it was a good deal to do with the state of the market this year, and that there was not much sign of the hive of activity so characteristic of its early days. So characteristic of its early days. If the had killed off the other by backliench MPs for private the Budget. It would have gone growth of lending, "It seems down better in a basically bull-lish market.

So characteristic of its early days. Should be artificially restricted who had no personal contact with him or his office. There has in fact been full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no slackening in the pace at the full-time body engaged in law no

While the Law Commission offences against the person and has, and was intended to have

The Criminal Law Revision. By contrast, Mr. Justice Cooke distinguished itself publicly. Its lic interest has diminis ing-up last year of the Royal Commission on Criminal Procedure to gather up the driftwood

the Law Commission has been grappling in recent years with some of the more nitty-gritty areas of the law, for example the Spiracy.

reforms of great social interest

with him or his office. For two cellor's own body, the Law Law Commission's legislative pro-reasons the image is a distortion Reform Committee.

Of the reality. posals discloses a remarkable Nottingham Forest and Chelsea. Wolves believed that the form fidence have all conspired to uneasy.

> sexual offences. The two bodies a symbolic function over and have learnt to live with each above its utilitarian role of tidy other amicably enough, but the ing up and refurbishing the law split is divisive and unhelpful to So long as its name and good codification of the criminal activity was thrust consistently hefore the public eye it sympto-mised a healthy public interest Committee, moreover, has not in law reform; some of that pub-

Damaged

Even if it has learnt the lesson notably from the Law Commis-sion of the need to publish of the earlier report. The Criminal Law Revision Committee of a new phase of the Law Comdetails failed to consult the bad fetally failed to consult the mission should lead to the profession and the public before winding up of the Criminal Law publishing its final report.

Revision Committee once it has Revision Committee once it has More important is the fact that completed its present remits. Likewise, there is no place for the Law Reform Committee. If, from time to time, the Law Com-

In its early days it deliberately set up an ad hoc committee went for some of the immediate under its general direction.

Whether demand for a Ministry and importance. In November of Justice, as envisaged by Lord 1965 it produced an historic Haldane more than 50 years ago, forward to the Divorce Reform with Government and Parlia-Act 1969.

SOUTHERN

Wolves get that awful sinking feeling again

WHEN Wolvernampton Wan Cup already in their possession, tained several derers were last relegated in are striding towards their first youngsters, such as derers were last relegated in are striding towards their first youngsters, such as Hazeli.

1975-76, they were a shade impover championship, while Chelsea With the enormous capital outgood as several clubs who the League and achieved more in improvement scheme was ever to remained in the First Division top ties.

They were certainly black to made.

BY TREVOR BAILEY

record. Few proposals have re- so that last August there was they had shown in the Second mained on the shelf; for the rest. every reason to suppose that they Division would prove successful mained on the shelf; for the rest every reason to suppose that they Division would prove successful accompanying. Liecester and the delay in implementation has would do better than either this in the First. As a result, they Newcastle down into the Second eason.

largely avoided the transfer Division too real for comfort.

This has not proved to be the market and decided to rely on They could also find it far more ase, as Forest, with the League the existing players, which con-difficult to return.

sion had a predictable result

of attacking football.
They finished ahead

SOCCER

of both improve.

a sensible deal to sell Sunder-land to the Arsenal, he has subsequently and suddenly de-veloped into an outstanding forward with a well-developed

But, ironically, their newly acquired striker, the muchtravelled Rafferty, from Carlisle rapport with Riches needed to produce goals.

Five successive defeats, ina young team who, by the nature juries to their two most inven-of things, would inevitably tive footballers, Hibbitt and Carr, nd an inevitable loss of conmake the chances of Wolves

No-risk Gloucester call tune in close tie with Leicester

THE JOHN PLAYER Cup has into the line. With such posses— So Leicester were continually finally achieved the status it sion, though Gloucester could on the defensive, and it was their deserves, for a crowd of about well have expanded their game, back row that kept them in the 20,000 turned up in warm sun-particularly towards Mogg on game, however tenuously, until thing for the final between the left.

The Barker's shortage the left of the game of the left of the game of the left. shine for the final between the left.
Gloucester and Leicester. As in

As Billy Beaumont, England's captain, said at a dinner on Friday, the sooner there is agreement on the form of competi tion within the regions, the

put off a more open game by one anything about the line-out termed a dimple penalty vehement tackle by Duggan on where Fidler and Boyle did much then succeeded on the Butler when the fullbacks camp as they pleased.

RUGBY better. Leicester had their policy

foisted on them because of at all Fortunately for Leceister. A clever long pass from Gloucester's strength in the pack, he was in tremendous form: Howell found Boyle, who thrus They had the aim of running the Lelcester half-coped with the through, giving Mogs. the all the ball, where Gloucester took drive from Boyle and Fidler, but chance be needed. Butler of refuge in their obvious strengths nevertheless Kenney often not it six points with a fine cost and a policy of no risks.

It may be dull stuff, but it is scrom almost conceded until immediately after bally efficient, and they may have been later on, Leicester could not do Hate missed what could be a scrom almost control of the scrom what could be a second of the scrom almost control of the scrom almost control of the scrom what could be a second of the scrom as the scrom almost control of the scr

Shine for the until detween the left.

As in many games, the deci- of pace cost Leicester the There was a lively pre-match sive factor was the performance dramatic winning try.

Carnival atmosphere that how of the tight forwards. Mills, The speed of the Leicester back ever, was not carried over into with Burton's help, took the first row gave chances to move the the game itself, which Gloscoster scrum against the put-in, and ball and for Leicester to raise won 6-3.

Later took two more in press the pace of the game Gloucester to raise the pace of the game Gloucester.

I am all for healthy competitions ing defensive positions.

I am all for healthy competitions ing defensive positions.

Succeeded, however, in slowing tion and I believe the players

Burton had Needham in dread things down, and a further setenjoyed this particular one, but ful trouble, and Wheeler had to back to Leicester was Flare missthe complex rules for qualifying be at his quickest to get the ball ing one moderately easy penalty
and four other long ones. Kenney, operating under great

pressure, often had to act too hastily. This cost a try on half-time, when Jones could not take a burried pass and Duggan was enguifed trying to retrieve the situation

Ramirez in World Series finals

WITH ONE tournament to go first win sgainst the Argentine twice bad points to lead 3 in Houston this week, six of the left-hander in 12 meetings. Two hack hand errors lost little eight man are certain of their places in the \$200,000 World semi-final against Garnistik an following some he was broken to love in the semi-final against Garnistik an following some he was broken to love in the Series of Tennis finals in Dallas from May 9-14. The first prize is \$100.000.

By winning the seventh of the eight-series tournaments at Monte Carlo on Saturday. Mexico's Raul Ramirez, the No. 5 seed, lifted himself from the position he shares with Eddie Dibbs (U.S.) on 370.

Ahead of them are Vitas Gerulaitis (U.S.) on 500, and Bjorn Borg (Sweden) on 420.

Below them are Sandy Mayer (U.S.) with 350, Jimmy Connors (U.S.) with 330, and Ilie Nastase

his Team Tennis contract from

This was Smld's second defeat

Since Mayer is prevented by

playing in Dallas, the other six are likely to be joined there by the two Americans, Brian Gottfried and Dick Stockton, the only two of the likely contenders who are playing this week in On a perfect Mediterranean

afternoon (a welcome change 57.2 penalty points. from earlier cold and rain) it Women, in fact, made a clean top four riders were separated by took Ramirez only two hours to sweep of the first four places only 15 points, the equivalent of inflict a 6-3, 6-3, 6-4 beating Miss Lucinda Prior Palmer, rid. three fences in the show jumping, on the surprise finalist. Theory on the surprise finalist, 21-year old Tomaz Smid of Czecho-

slovakia. at the Mexican's hands in two weeks.

Both men had looked impressive here throughout the week. Smid had scored important win against Ken Rosewall.

TENNIS BY JOHN BARRETT

again seriously in contention; again seriously in contention; The third set was settled but single break of serve in the opening game. By now Rambrer, his mind already on the \$30,000 fast prize, was cruising and there was little that his relatively increased impropriet semiol do in

American who was seeded No. 3: title of the year. Smids reward the finals came at the start of the like won his first major. American who was seeded No. 3: title of the year. Smids reward the only danger to Ramires in for the most impressive week of the finals came at the start of the bis young career was \$15,000, his second set. Smid led 2—0 and largest prize to date.

Women make clean sweep in Badminton trials

RIDING WARRIOR, Mrs. J.list of possible competitors for

HORSE TRIALS BY MICHAEL DONNE

champion Guillermo Vilas-his now likely to be included in the lost.

Holderness-Roddam, won the British team for the world badminton Horse Trials in Championship Three-Day Event in Kentucky in September.

57.2 penalty points.

Women, in fact, made a clean top four riders were separated by

This meant that Mrs. Holderness Roddam, the overnight leader, could afford to have only one fence down and still win. In fact, she performed an im-peccable clear round to win har second Badminton victory. Lucinda Prior-Palmer, European Three-Day Event champion, was trying for her

against Nen Royewan. the veteran Australian, Manuel ing Village Gossip (66.8 penalty fourth Badminton victory, and Orantes, the No. 4 seed from points) was second, Miss Jean only just missed it.

Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado Starkey riding Topper Two (72.2 She did a comparatively poor Royella No. 6 seed Corrado She Royella No. 6 seed Corrado She Royella No. 6 seed Corrado She Royella No. 6 seed Corra



9.00 News.
9.25 The Trial of Lee Harvey Points West (Bristol); South Today (Southampton); Spotlight South West (Plymouth). BBC 2

6.49-7.55 a.m. Open University. 11.00 Play School. 4.55 Open University.

7.00 News on 2 Headlines. 7.05 Children's Wardrobe. 7.30 Newsday. 8.15 Johnny Mathis in Concert. 9.00 Pickersgill People. 10.00 Snooker: Embassy World Professional Championship.

10.55 Arena: Television. 11.46 Late News on 2. 11.53-12.05 a.m. Closedown: John Rye reads "Anthropos Feels His Age," by D. J.

Ciapperboard. 4.45 The Feathered Serpent. 5.15 Batman. 5.45 News. 6.00 Thomes at 6. 6.40 Help!

†10.30 The Blg Film:

6.45 Whodupnit? 7.30 Coronation Srteet. 8.00 Devenish. 8.30 World in Action. 9.00 Rumpole of the Bailey. 10.00 News.

Branded Women," starring Van Heffin, Silvano Man-HTV gano and Vera Miles.

12.36 a.m. Close: Robert Rietti
Headlines. 1.25 Report West
Freads a prayer for the Passover.

All IBA Regions as London
All IBA Regions as London
except at the following times:—

HIV

YORKSHIRE

12.36 s.m. How to Stay Alive. 1.28
Barazzutti.

Ramiroz had his finest moment
Miss Elizabeth Boane on Feliday 18th, but stormed round the
In the quarter final when he won Farmer (79 penalty points) was cross-country course on Saturday
Mattheward. 3.51 Bergis Lot. 5.15
In the quarter final when he won Farmer (79 penalty points) was cross-country course on Saturday
in the quarter final when he won Farmer (79 penalty points)

Lot Report West Lize Report West Lize Regort West Live Stay Alive. 1.28

Ramiroz had his finest moment
in the quarter final when he won Farmer (79 penalty points)

Lot Report West Lize Report West Lize Stay Alive. 1.28

Ramiroz had his finest moment
in the quarter final when he won Farmer (79 penalty points)

Lot Report West Lize Report West Lize

doubt shared by many of his ties affect the Government's opposite numbers.

He went on to point out that themselves heavily dependent on the whole went from the old Divorce bodies have been kept busy these

ent on to point out that themselves heavily dependent on the Government. Successive is no real evidence that the Government. Successive division in 1965 to become the governments have provided the has any effect on bouse fiscal privileges under which they have flourished, and which are but here I suspect that have flourished, and which are but here of Law Commission has not been sensible and ship between Westminster. Whitehall and Theobald's Road been the sole controlling agency. The bulk of the work has been sensible and ship between Westminster. The bulk of the work has been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible and ship between the law Commission has not been sensible an there is no real evidence that the Government. the availability of mortgage governments have provided the he would find the murmurs of now attracting the envious assent a little less unanimous, attention of the clearing banks, for the House of Lords last. The bulk of the work has been autumn, was not only an in-performed well by the Law Comfurther, and express some doubts depends heavily on the Government of the House of Lords last. The bulk of the work has been autumn, was not only an in-performed well by the Law Comfurther, and express some doubts depends heavily on the Government of the House of Lords last. The bulk of the work has been autumn, was not only an in-performed well by the Law Comfurther, and express some doubts depends heavily on the Government of the House of Lords last. I would go perhaps a little Furthermore, their own inflow further, and express some doubts depends heavily on the Government about the evidence, but ment's success in managing such shout the fact. One does not matters—marginal, perhaps, io look for evidence of the obvious. In short, his statement is society, but hardly to the rest amounting.

The significance of the second ment's success in managing such matters—marginal, perhaps, io new agency set up as the cate-lout the Criminal Law Act 1977; life is that one important new agency set up as the cate-lout the Criminal Law Revision element in its role has been lyst for legal change.

And he was that rare legal offences against the person and has, and was intended to have, and the single cate of the second on complicacy, now incorporated phase in the Law Commission of the in the Criminal Law Revision element in its role has been lyst for legal change. In short, his statement is society, but hardly to the rest amazing.

of us—as the external value of

ANGLIA

12.30 p.m. Out of Town. 1.25 Anglis Newsditon y Dydd. 2.80-2.55 Eamdden. News., 2.65 Eouseparty. 2.55 Family. 3.80 George Bamilton IV. 3.50 in Search of . Duck Treasure. 5.15 University Challenge. 5.00 About Anglis. 10.30 Life. style. 11.00 TV Movie: Terrar On The Back." 12.25 a.m. Reflection.

ATV

1230 p.m. Gardening Today. 129 ATV

Newsdask, 123 Movies to Remember:
"Anna: Karonina" starring Vivina Leich
and Raiph Richardson. 2.15 University
Challenge. 3.36 ATV Today. 12.30 Left,
Right and Centre. 11.25 Columbo.

Right and Centre. 11.25 Columbo.

Show. 11.36 From the Top. 11.36 Late
Call. 11.3 The Prisoner,

BORDER 12.38 s.m. Gardening Today.

Border News. 2.00 Houseparty. 2.25

Barder News. 2.00 Houseparty. 2.25

Matthews. "The Truth About Spring."

S.15 Garnock Way. 6.00 Lookarnand Mattines: "The Desperate Milea." 3.50 (U.S.) with Mattines. 3.50 (U.S.) with Mondar. 6.15 University Challense. 30.00

Mondar. 6.15 University Challense

CHANNEL

LONDON

CHANNEL

LIS p.m. Channel Lunching News and Wattree: "A Patch of Since Marine: "A Patch of Since Law of the Wild. L20 North East News Leadings 12.36 p.m. the two Marine: "A Patch of Since Law of the Wild. L20 North East News Lindversity Challengs. 4.00 Channel News. Law of the Wild. L20 North East News. Limbert Wild. L20 North East News. Law of the Wild.

GRAMPIAN

1.28 p.m. Lanching. 4.00 See You Monday. 2.36 Monday Matinee: "Bridal Parh." 4.18 Ulster News Headlines. 5.15 Grampian News Headlines. 2.25 Monday University Challenge. 4.00 Ulster Television News. 4.05 The Partners. 4.30 Sellers. 5.15 University Challenge. 6.00 Revorts. 10.30 Two at 10.30, 10.00 Grampian Today. 6.15 S.7 U.C. Conference Report. 6.25 Cartono Tume. 8.30 Reflections. 10.35 Feature. Film: "Frauleid Doktor" starring Suzy Kendaß.

GRANADA

12.30 p.m. How to star Aire.

12.30 p.m. How to star Aire.

12.30 westward News Headlines. 12.25 The Monday Mattheet: "A Patch of Blue"

10.00 L25 Monday Mattheet: "In starring Sidner Potter. 5.15 University Tandem." 3.50 Et. 21's Lot. 5.15 Chelbenge. 6.00 Westward Diary. 6.25 University Challenge. 6.00 Caranada Soorts Desk 8.00 Rising Damp. 18.28 Reports. 6.25 This is Your Right. 10.30 Westward Late News. 18.30 Politics West Reports Publics. 113.00 Monday Film 13.00 Late Night Morte: "The Private Starring Prepare: "The Cross of Lorraine" Life Of Henry VIII" starring Charles Laughton. 12.35 a.m. Faith for Life.

مكدامن التعمل

AT OFFICES

High Strain 2 in

OPPICES

For where Index

Walking Wilkinson 3

call tune

Campus and Concert

Isopp, director of its opera and second-mermaid.

director of the Santa Fe Opera

(perhaps the nearest thing to a pity), and all the spoken
Glyndebourne that America dialogue was omitted (which
has). Costumes and production makes sense in a concert perfor the Rota came from Santa
Fe. Crosby himself conducted;
Lou Galtério, one of America's was needed to set the magical
ablest opera producers, put the
students through deft, accomplished paces. The opera is a
rounp and musically quite undistinguished; while better—and
more adventurous—works by
Bizet, Offenbach, and WolfPerrari remain unrevived there
is no need for any regular company to contemplate it. But it
makes a good student exercise,
having many effective small
roles, and it provided a merry
evening.

The Juillisrd maintains a
more source of the spoken
dialogue was omitted (which
makes sense in a concert performances. It was done in
German translation (which was
leaf and it provided as pity), and all the spoken
dialogue was omitted (which
makes sense in a concert performance). A bilingual libretto
provided as much of Planche as
messared to set the magical
musical numbers in context.

Queler's second offering was
Rossini's Taucredi, in Phillp
Gosselt's critical edition with the
retrara "tragic" ending and
with Marilyn Horne in the title
role. In these pages I have
salready reviewed it from Housinn, and William Weaver has
from Rome. Once again, Miss
Horne sang the closing ariosorecitative far too slowly and
decorated her lines to an extent
where scarcely a bar was left as

New York, without a BBC, ill; Betty Jones filled the role without a Camden Festival, ably, with very secure if not without an Opera Rara, without very appealing tones. Gedda was an Oxford, Cambridge, Reading a confident Huon. The loveliest and Bristol within easy reach, singing came from Carmen is a poorer place for opera than Balthrop (who made her name is London. But the music on Broadway in the Houston colleges do do something. At Opera's production of Scott the Itilitized Iast month Martin Jophin's Treemonisha) as first—Isopo, director of its opera and second—mermaid.

department, conducted a pretty and touching performance of the Cavalli-Leppard La Calisto, and Covent Garden so long have at the Manhattan School of resisted reviving a score which Music there was a sparkling performance of Nino Rota's The shaped with the feeling for Indian Strain Hat. Indian Straw Hat.

Colour, emotion, and expression
John Crosby is both president which marks all Miss Queler's
of the Manhattan School and performances. It was done in
director of the Santa Fe Opera German translation (which was
fuerhams the performances the performances of the contract



Emrys James as York and Helen Mirren as Margaret in Part III of 'Henry YI'

Wigmore Hall

Fernando Valenti

by DAVID MURRAY

The harpsichordist Fernando and majestic sound in Bach— Scarlatti which rings utterly Valenti gave Master Classes all grand public presentation rather true: just the sort of perform-

Valenti gave Master Classes all grand public presentation rather last week at the New Gallery, than study-scale playing—but and a recital of Bach and slive with rhythmic vigour. His Scarlatti at the Wigmore Hall springing touch needs no extra on Saturday. Little of his vast colour from tricks of registration by the springing touch needs no extra on Saturday. Little of his vast colour from tricks of registration by the springing touch needs no extra on Saturday. Little of his vast colour from tricks of registration perhaps on so sumptious an instrument. Scarlatti suffers by being assigned a German measured pomp of the brilliant rush of the Gigue. The brilliant rush of the Gigue are carried over a confidently flat sonatas, no doubt because the brilliant rush of the Gigue. The brilliant rush of the Gigue are carried over a confidently flat sonatas, no doubt because tween the Bach works had some tween the Bach works had some his chosen sonatas—none of the Master Classes have been the Bach works had some his chosen sonatas—none of the same severity of which he identified for us, on the valenti began by dispatching outline. The further eight which sensible ground that with Scarlatti there's no helpful way of with energetic lucidity, and proparamme took on greater doing that; but in his performance of later to the B-flat expansiveness. Valenti exercises ances the identity of each was vivid as could be.

Ronnie Scott's

Earl Hines by Kevin Henriques

The property of the property o

The truly incomparable Earl That said, it must be admitted with a dramatic clarinet chord

GREENWICH THEATRE Eves. 7.30 Mail, Sail, 2.30 ARMS AND THE MAN. A Comedy by George Bernard Shaw

HAYMARKET. D1-830 9832. Eves. 8.00.
Med. Weds 2.30. Sats. 4.30 and 8.00.
Wilder Bergman.
WENDY HILLER
DORIS FRANCIS
GODFREY HARE
CUKA

in WATERS OF THE MOON

"Ingrid Bergman makes the stage radiate
"Ingrid Bergman makes the stage radiate
"House and the stage radiate
"Wendy Hiller is superb." Sun. Mirror.

PRINCE EDWARD. CC. (Formerly Casino. 01-437 5577, Previews from June 12 Opening June 21 EVITA.

PRINCE OF WALES. CC. 01.930 5581.

Set. B.50 and B.4153 FIRST MILE THUE 1.00.

"HILARIDUS COMEDY MUSICAL."

ROBIN ASKWITH

I LOVE MY WIFE A LOT

OF LAUGHS. News of the World.

CREDIT CARD SOOKINGS 930 0836

CREDIT CARD SOOR REGGE 53 0 0000

CULEN'S THEATRE, CC - 51-734 1165,

Evenings 8.0. Set, 5.0 and 8.30.

REST ACTOR OF THE YEAR

Variety Club of GS AWARD

A New Play CALARY BENNETI

Directed by CALARY BENNETI

Directed by CLIFFORD WILLIAMS

Plays and Players Longon critics award

RAYMOND REVUEBAR, CC. 01,734 1593 At 7 5,m. 3 p.m., 11 p.m. (Opens Suns.) PAUL RAYMOND presents THE FESTIVAL OF EROTICA Fully Air Conditioned, You may drink and smoke in the Auditorium.

Series find

The Margar 1.2125

in Literatur der

2.000 22 933

1.77円間

Lieza STA

. . .

vide open



Mark Jacoby, Mary Wilkinson and Richard Harrell in the Manhattan ol of Music production of 'Italian Straw Hat'

Tallis Festival

by RONALD CRICHTON

val series with another pro-occasionally obtrusive in chordal gramme expertly chosen to show music but the quality that made the range and versatility of this it so ensured a strong line in major English composer. The polyphonic writing.

larger works given included four polyphonic writing.

equivalent of several motet Spem in alium.

to Maryebone on Saturday for The sopranos remained true and the third concert in their Festi-Hmpid: the male alto tone was

larger works given included four sections, performed in two light pitches produces a curious the parody Mass Salve internetial virgo as well as the antilines are, of course, perfectly phon of the same name on which audible, but the particular kind of comfortable pathos attaching Respite from the long, to deep bass tone (at its most austerely adventurous lines of suspect in Russian Orthodox austerely adventurous lines of suspect in Russian Orthodox apolyphony came with shorter, music) is lacking. The result, homophonic motets or bymns, far from being sentimentally some of which embody verses in ethereat, actually helps to conplainating, equally restful to the centrate attention. The final ears of listeners and, no doubt, concert of the series takes place to the throats of singers. The at St. John's Smith Square, on to the throats of singers. The at St. John's Smith Square, on Scholars, who must have sung, April 29, when the programme in the course of a single concert, includes Tairis' famous 40-part

COLISCUM. CC. D1-240 SZSB Reservations D1-836 3161.

Reservations D1-836 3161.

Tamer. and Fri. 7.00 Carmen: Wed. 7.36 Julietta. Haunting atmosphera. E. Meyes. Smoothly and sweetly textured. Hill of pentle. accasable melody: D. Mail. ... 2 great a most unesual and memorable operatic evening: Yorks. Post. Thurs. and Sat. 7.30. L. Traysts. 1184 balcony seath always available day of performance.

ENTERTAINMENT GUIDE

CC-These theatres accept certain credit cards by talephone a me the box office.

PORTUNE, 856 2218, Eves, 8, Thurs, 3, Marriel Paviow as MISS MARPLE In AGATHA CHRISTIE'S MURDER AT THE VICARAGE THIRD Great Year. Third Great Year.

CARRICK THEATRE. 01-836 4501.

EVGS. 8.0. Wed. Mat. 8.0. Set. 5.15. 8.20

ILL MARTIN JULIA SUTTON

ERIC FLYNN and ROBIN RAY

in the

"BRILLIANT MUSICAL

ENTERTAINMENT." People.

SIDE SY SIDE BY SONDHEIM

"GO TWICE." S. MOTHEY. Panch.

"GO THREE TIMES." C. Barnes. NYT.

LAST 2 WEEKS, ENDS APRIL 25. COVENT GARDEN CC. 240 1065.
(Garden:parse credit cards 536 5903).
IT BRIVAL MALLET
Tombh 7.30pm Sat. 2.00pm and
7.50pb Romeo & Juliat.
THE ROYAL OPERA
Tomor. and Thur, 7.30pm Der Preischutz.
Wed. 7.00pm Otelio.
65 Amphi sees for sil parts. on sate
from 10am on day of perf.

GARRICK THEATRE. 01-836 4601.
Opens May 1st at 7.0. Sub. 8.0.
Sat. 5.30, 8.30. Mat. Wed. 3.0.
TIMOTHY WEST GEMMA: JONES
MICHAEL RITCHEN
IN HAROLD PINTER'S
THE HOMECOMING From 19am on day of perf.

SADLER'S WELLS THEATRE Roseberry
Ave., E.C.1. SIT 1672.
Comm. Wed. to May 13. Evet. 7.30.
SADLER'S WELLS ROYAL BALLST
Wed. Thurs. Les Sylohode, List Hermanse.
List Boutique Fantasque, Fri. Sat. Sammertide, The Two Pigeons. GLOBE THEATRE. 01-427 1592.
EUGS. 8.15, Wed. 1.00. Sat. 5.00, 8.43
PAUL EDDINISTON. JULIA MCKENZIE
BENJAMIN WHITROW
AIAN AVCKBOURN'S New Common
THE THATE TARE
"This must be the happinest taughter
maker in London," D. Tol, "The master
of common target taughter than the target ta

THEATRES ADELPHI THETRE CC. 91-836 7611.

EVES. 7.30. Mats. Thurs. 3.0. Sats. 4.0.

HEAVE

THE BEST MUSICAL

of 1976, 1977 and 19781

"LONDON'S BEST NIGHT OUT."

Sunday People. Sunday People
ALRIADY SEEN BY NEARLY ONE
MILLION HAPPY THEATREGOERS.
CREDIT CARD BOOKINGS 836 781 ALBERY, 836 3873. Party Rates. Credit Card bags. 636 (971-2 (from 8 a.m.- 6 p.m.). Mon. Tues. Wed. and Fr. 7.45 p.m. Truer, and Set. 4.30 and 9.00. "A THOUSAND TIMES WELCOME IS LIDNEL BARTS MIRACULOUS MUSICAL." Fin. Times. With ROY HUDD and JOAN TURNER, "CONSIDER YOURSELF LUCKY TO BE ABLE TO SEE IT AGAIM." Daily Mirror.

ARLE TO SEE IT AGAIN." Daily Mirror.

ALDWYCH. 836 6404. Into. 836 5332.

ROYAL SHAKESPEARE COMPANY IN reportoure. Tonisht 7.30. HENRY 1V Part 1. "Excess in speed and contrasts." Times. With HENRY VI Part 2 (tomor.). Part 3 (two math., HENRY V (Wod. CVE). RSC siso at THE WAREHOUSE (See under W) and at the Piccaddily Theatre in Peter Nichol's PRIVATES ON PARADE.

ALMOST FREE. 485 5224. Limited Season Obly! Woll Mankowitz's SAMSON AND DELILAH. N B. Nightly at 8 p.m. incl. Visual and emotional climax. Times. AMBASSADONS. CC. 836 1171. VISUAL AND EMBOURNA CHIMAX. TIMES.
AMBASSADORS. CC. 836 117.
EVIS. 8,00. MAIL TIME 3.00. Sat. 5.01
EVIS. 8,00. MAIL TIME 3.00. Sat. 5.01
LDUIS Selwin syrates brilliantly as Mic.
Jugger, D. Tel. Addience Cheered.
S. Tol. Ends April 22nd

Tagger. D. Taylor 2nd deeper Cheered.

S. Tol. Ends April 2nd deeper Cheered.

S. Tol. Ends April 2nd deeper Cheered.

S. Tol. Ends April 2nd 2nd deeper Cheered.

AMBASSADORS. 01-835 1171/3212.

Opens April 28 for 2 weeks only.

Evenings at 8.0. Mat. Sat. 3.0.

EERIOSOVA. GEILGUD

STEPS. NOTES AND SQUEAKS

APOLLO. 01-437 2685. Evenings 8.00.

MMS. Thurs. 3.00 581. 5.00 and 8.00.

DONALD SINDEN

Actor of the Year. E. Std.

"IS SUPERB. N. ON AND

SHIPPORT END AND

"WICKEDLY FUNNY." Times.

ARTS THEATEE TOPPARD'S

PHIATIDUS. 1. 809 It "Sunday Yimes.

Monday to Thurbury B. 50. Friday and

Saturday 81.7.00 and 9.15.

ASTORIA THEATEE. Charing Cross Road.

01-734 4291. Mearest Tube. Telhenham

Court Road. Man.-Thurs. 8.00 o.m.

Friday and Saturday 6.00 and 8.45.

Instant Credit Card Reservations. Eat in

our fully-licensed Restaurant and Buffet

Ber Innchrime and before or After show bookshie in advance.

BEST MUSICAL OF THE YEAR

EVENING STANDARD AWARD

CAMBRIDGE. 836 6086. Mon. to Thur.

EVENING STANDARD AWARD

CAMBRIDGE 836 6056, Mon. to Thur.
8,0, Frl., Sat. at 5.45 and 8.50,
19 Tromas

Exching Black African Musical
19's a foot-stampine, pulsating, actionpacked musical, News of the World
Packed musical, News of the World
THIRD GREAT YEAR
Dinner and top-price scat £8.25 im.

COMEDY THIRD SCAT. 5.30 8.30.
MOIRA LISTER TONY BRITTON.
MAIDARLE COURTENAY, Dermat WALSM
THE HIT COMEDY THRILER
MURDER AMONG FRIENDS

"Blackmail amod robbery, double built
and murder." Times, "A good deal of
fun." Eventing News.

CRITERION. 950 3216. CRITERION CC. 950 3216.
Evening 8.0 525, 5.30, 8.30, Thur. 3.0.
"Impeccable in SEXTET
SECOND "HILARIOUS" YEAR

binding." Obs.

MERMAID,

Restaurant 248 2836.

ALEC MCCOWEN'S

ST. MARK'S GOSPEL

"Simply not to be missed by anyone with ears, a mind or a soul." S. Times.

Until April 23. Eygs. 8.15 sex April 19 at 7.01 and then every Syn, until June 11.

Sun, 7.30. SUN, 7.30.

NATIONAL THEATHE.

928 2252.

GLIVIER (open stage) Ton't & Tomor. 7?

'red. Br. prevs.).

ERAND by ibsen in a besion by
Geoffer Hill.

LYTIELTON (orosrenium stage): Ton't
& tomor. 7.45 PLENTY, 3 new play
by David Hare.

COTTESLOE: Small auditorium): Ton't 8.0

(orer.: tumor. 7.0 (opens. Don JUAN

TOMES BACK FROM THE WAR. hy
Horvarth, traus. by Christopher Hampton.

Many excellent chosp seats all 3 theatred
day of per' Car park. Restaurant 928
2035. Credit card bigs. 928 3052.

DLD VIC.

928 7616. OLD VIC. 928 7616. New season April 20-May 20 ctarts with Prospect's first comedy at The Old Vic Prospect's first connect at The Old Vic TWELTH NIGHT Previews 7.50 Thurs. Fri. Sat. at matimes orices. First sight Mon. April 24 Typn Evicen Atkins as SAINT JOAN returns May Scd.

3.5

KING'S ROAD THEATRE, 252 748E. Man. to Thur. 9.0. Frl. Sat. 7.10. 9.30. NOW IN ITS 5th ROCKING YEAR THE GREAT ROCK W. ROLL MUSICAL ROYAL COURT. 730 1745. BYDS. B. Sat. 5 and 8.30. CLASS ENEMY THE GREAT ROCK 'N' ROLL MUSICAL
HER MAJESTY'S CC. 01-930 6506.
Evenings 8.00 Mats. Wed and Sat. 3.00.
ILESUIE BRICUSSE and
ANTHONY NEW-EY'S
TRAVELLING MUSIC SHOW
with Derek Griffiths
Directed by BURT SHEVELOVE
"It is packed to bursting bont with the
personality and sheer energy of Bruce
Forsyth 'Sun. Express. "The audience
cheered." Sunday Telegraph. by Nigel Williams ...
Stunning new play." F. Times. ...
With life and forces." Gdn.
See also Theatre Upstairs. ROYALTY. Credit cards. 07-405 8004
Monday-Thursday Eveninos 8.00. Friday
5.30 and 8.45 Saturdays 3.00 and 8.00.
Longon critics vote
RILLY DANIELS IN ELECTRICAL STATES
Bookings accepted. Major credit cards
SAVOY. CHECKE. SUNDAY TELESTAPH.

LONDON PALLADIUM, CC. 01-437 7373,
FROM MAY 25 DAUG. 19.
FROM MAY 25 DAUG. 19.
BOOR WITH EASE ON BE NEW
EXCLUSIVE TWO RONNIES HOTLINE
01-437 2055. Bookings accepted. Major credit calls
SAVOY. St. 8.00. Mar. Wed. 2 30.
PATRICK CARGILL and TONY ANHOLT
The World-lamous Thriller
by ANTHONY SHAFFER
"Soeing the play 39am is. in lact. an
"It will run and run, again." Sun. Iel
Evenings £1 to £4. Mats. £1 to £5.
Evenings £1 to £4. Mats. £1 to £5. EXCLUSIVE TWO RONNIES HOTLINE
01-437 2055.
LONDON PALLACIUM, CC. 01-437 7373.
For 2 weeks only. Tonight 7.30. Tues.
A Thur. 9.00. Wed., Fri. & Sat. 6.15. 9.0
w e. April 24, Moo., Tues., Thors. 9.
Wed., Fri., Sat. 6.15. 6.9.
IN HIS LAS VEGAS SHOW
Note additional 6.15 part. each Wed.
LYRIC THEATRE. CC. 01-437 3585. Evs.
8.0. Mats. Thurs. 3.0. sat. 5.0 and 8.30
LOLIN BLAKELEY
and FATRICIA HAVES in
FILLIMENA
by Eduardo Filippo
Diracted by FRANCO ZEFFIRELLI
"TOTAL TRIUMPH." D. Mirror.
"AN EVENT 10 TREASURE." D. Mirror. SHAFTESBURY. CC 836 6595
Shaftesbury Ave. WCZ (High Hoborn end)
Feys, at 8.00. Mars Thurs. Sal. 3.00.
JOHN REARDON and JOAN DIENER III
A SMASH HIT. THIS MUSICAL HAS
EVERYTHING. S. Mirrer SHAW THEATRE. 01-528 1394.
CHICKEN SOUP WITH BARLEY
BY ARNOLD WESKER
EVB. 7.30, Mat. Wed. 2.30.
"Moving and illuminating." Times
Absolutely Magnifican." Ev. News. STRAND, 01-839 2550. Evenings 8.00

Mat. Thurs, 3.00, 5815, 5.30 and 8.30.

WE'RE BRITISH

THE WORLD'S GREATEST

LAUGHTER MAKER STRATFORD - UPON - AVON Royal Shakespeare Theatre (0789 2271) RSC in THE TAMING OF THE SHREW Tickes immediately available for Apr. 20, 21, 22 (mat. and eve) previews. Recorded booking into (0789 59191). ST. MARTIN'S. CC. 836 1443. Eys. 8.00.
MAL Tues. 2 45. Sats. 5 and 8.
AGATHA CHRISTIE'S
THE MOUSETEAP
WORLD'S LONGEST-REP
26th YEAR ZOIN YEAR
TALK OF THE TOWN, CC 734 5051.
8.00, Dining Dancing, 9.30 Super Revue
RAZZLE DAZZLE
And at 17 D.m.
MADELEINE BELL

MADELEINE BELL

MADELEINE BELL

MADELEINE BELL

MATTE STATES.

INSTANTS INSTANTS

INSTANTS IN REPERTACE

IN BLEAK HOUSE

ON Charles Dictors

(In 4 parts. In Repertoire)

VAUNITULE 238 9988 CC. Evs. at 8.

Mat. Tabs. 2.45 Set. 5 and 8.

Dissiph SHERIDAN Dutice GRAY

Eleanor SUMMERFIELD Ismee GROUT

A MURDER 15 ANNOUNCED

THE NEWEST WHODINNIT HIT

"Re-enter Agains with another who dunit hit. Agains with another of her sendish in ingentous murder mysteries." Felix Berker, Evening News.

DUCHESS. S36 S223. http:// to Thurs.OPEN SPACE. 01.357 6959. Evs. \$834. VICTORIA PALACE. 01.854 1317
Evgs. S.O. Fri., Sat 3.15 and 9.00. Triple Actions. ORPHEUS.

"The Nucley is stunning." Delity Tel.
Oth SENSATIONAL YEAR

DI-856 S122. D1-856 S122.

DI-856 S122. STRATFORD JOHNS SENSATIONAL YEAR

DI-856 S122. D1-856 S122. SRO.

JESUS CHRIST SUPERSYAR

PROADWAYS ELGGEST HIT
Preys. from April 25. Opens, May 3. DUKE OF YORK'S. 07-836 5122.

EVS. 8.G. Mat. Wed. and Set. at 5.00.

EVS. 8.G. Mat. Wed. and Set. at 5.00.

IN Julian Mitrail's

TIM BROOKE TAYLOR GRAEME

GARDEN MALE UNIVERSED THUM

THE UNIVERSITED THUM

THE UNIVERSITED THUM

THE UNIVERSITED THUM

THE UNIVERSITED THUM

REM CORNEY D. ROUGE TYPINGH. WAREHOUSE. Donner Theatre, Coven-Garden. 836 5808 Royal Shakespear Company, Ton't 7.00 Isold out. John Ford's TIS A FITY SHE'S A WHORE WHITEHALL. 01-930 6492-7765
Evgs. 8.30, Fri and Sat. 6.45 and 9.00
Paul Raymond protents the Sensationa
Sax Rayme of the Century
DEEP THROAT
Due to overwhelming public demans
season extended PICCADILLY, 437 4506, Credit card bks.
336 1071-2 B a.m. 6 p.m. 845, 5.
Set. 4 45 and 8.15, Wed. Mail 3.00
Evg. Standard Award and Swift Award
Royal Dialescoath Grands
PRICE COMPANY
PRICE COMPANY
INCLUDE TO Peter Nichols
INOT Swifted for Children
HUGELY ENTERTAINING
EXTRAVAGANZA. S Times.
RSC 8/50 at Aldewich Thesire.

WINDMILL THEATRE. CC. 437 6312.
Twico Nichily 8.00 and 10.00.
OPEN SUNDAYS 8.00 and 8.00.
PAUL RAYMOND presents
THE EROTIC EXPERIENCE OF THE
MODERN ERA
"Takes to unprecedented limits what is permissible on our stages." Ev. News.
You may drink and smoke in the avoidarium

WYNDHAM'S. 836 3028. Credit card
pigs. 836 1971-2 irom 9 a.m...2 p.m.
Mgn.-1 hurb. 8. Fr. 3. 541 5. 13 4 b.30.
"ENORMOUSLY RICH.
VEFY FUNNY. Exeming Nows.
Mary O'Ma'loy's smash-hir Comedy
O'NCE A CATHOLIC
"Suprama comedy on sex and rollgion."
"MAKES YOU SHAKE WITH
LAUGHTER." Guardien.

YOUNG VIC (near Did Vic). B28 8363 Evgs. 7.45, Mat. Thurs. 2.0, Royal Shakespeare Company in MACETH. 17th week Sold Out. Any returns on door.

CINEMAS

MEC 1 & 2, Shartespury Ave. #36 #861. Sep. Forts. ALL SEATS BK.BLE. 1: THE 12 TASKS OF ASTERIX (U., WL. & Sun. 2 SO. 5.50, 8.30 (1881 3 days) 21 THE GOODBYE GIRL (A), WK. & Sun. 2.00, 5.10 8.10.

RIVERSIDE STUDIOS. (748 3354.) Tues Sums. B p m., (No perts. Mons.), Salv 3.0 and 8.30 p.m. Tamiosaiki Theatre Co. in Shui Terayama's. DIRECTIONS TO BERVANTS CAMDEN FLAZA 1009. Camden Town Tubel. 485 2443. Melville's Clabsic Resistance thrifter THE ARMY IN THE SHADOWS (AA): 3.10. 5,45. 8.25. 11.00 CLASSIC 1, 2, 3 4, Oxiord St. (opp. Totrenham Court Rd. Tube). 536 0310. 12 Sectorius: 5800 Part 1 (X) Progs. 2, 1182 HOBING PLACE (A). Sep. paris. 2, 00 5.00 8.00. 1. Last 3 days! George Segal, Jane Foods. FUN WITH DIKK 8 JANE (A). 2,20 5.45, 9.10. Neil Simon's MURDER BY DEATH (A). 4,00, 7,25. (X). Progs. 2,30, 5.20. 8.15.

CURZON, Curzon Street, W.1. 499 3737.
PARDON MOON AFFAIRE IX. (English sub-titles.) "A sparkling New French Comedo Directed with Intesse by Yves Robert." Sunday Express. Procs. at 1.50 inor Sun.) 3.35 610 and 8.30.

LEICESTER SQUARE THEATRE 1930 SZSZ:
Shirley MacLaine. Anne Bancroft Mikhaii
Raryshnikov in a Horbert Ross Film.
THE TURNING POINT (A). Prog. Wk.
1 05. 4.30. 8,10.

ODEON HAYMARKET (930 2738-2771) June Fonds Vanessa Redgrave in a Fred Zinnemann film IULIA (A) Sep Pross, Dty 2.30 5.45 8.45. Feature Dty, 2.45. 5.00. 9.00. All yeats bible, at Theatre.

ODEON LEICESTER SQUARE (930 6111)
CLOSE ENCOUNTERS OF THE THIRD
KIND (A) Sep. prog. Div. Doors onen
(10.00, not Sun.) 1,05 415, 745,
Late perfs. Tues.-Sats. Doors open
11.15bm. All seals may be booked
except 10.00am prog.

ODEON, MARBLE ARCH. /723 2011 2), STAR WARS (U). Doors open Div 1.30, 4 35. 7.50. All seals bible except 1.30 perf. Wks. PRINCE CHARLES, Leir, So. 437 8181.
SWEPT AWAY (X)
Sep. Peris. Diy Noc. Sun.t. 2.10, 5.25,
8.40. Late Show Fri. and Sai. 11 55.
Seats Skole, Lic'd Bar.

SCENE 1 & 2, Lex. Sq. (Wardour St.) 439 4470.

1. Woody Allen's EVERYTHING YOU LLWAYS WANTED TO KNOW ABOUT SEX (X). 3-50. 6.00. 9.15. BANANAS (AA). 1.15, 4.25. 7.40. Late Show Fr., and Sat. 10.55. aug ag: 10.55.
2. THE PINK PANTHER STRIKES AGAIN
10). Sun-Thur. 1.30. 5.35. 9.35. Fri. 6
SEC 72.40. 4.45. 2.45. 72.45. The
RETURN OF THE PINK PANTHER 10.,
Sun-Thur 3.25, 7.30. Fri. 8 Sat. 2.35.
6.40. 10.40.

3302
1. ANOTHER MAN. ANOTHER WOMAN
1. ANOTHER MAN. ANOTHER WOMAN
1. ANOTHER MAN. ANOTHER WOMAN
1. ANOTHER GOODBYE GIRL (A) Progs.
12. 45. 2.45. 5.25. 8 05. Late Show 5at.
10.45.
2. A SPECIAL DAY (AA. 1.40, 5.20.
2. 5. SEDROOM MAZURKA (X) 3 35.
7.15. Late Show Sat. 10 50.
4. WOODY Alten Diene Keston Double Bill
SLEEPER (A). 2.55. 5.0. 9.05 LOVE
AND DRATH (A). 7.30.
Late Show Sat. 10.40.

Elizabeth Hall

Music Group of London

by RONALD CRICHTON

Dvorak's Dumky Trio and cession of shortish movements Both went well. About the apparent, notably in Elleen Brahms's Horn Trio in E first, the based on dance-song models Dvorak there was a certain aura Croxford's incisted cello line. main works in the Music Group and subtly varied. Brahms of manly English self-control in Alan Civil played the horn part of London's programme last opens with a slow movement in both the sadness and the bursts in the Brahms, and marveilous night, each have unusual ternary form, and follows this of activity, yet the quality and it sounded—the Elizabeth Hall features. Dvorak's Trio pays with an extended scherzo, a quantity of the composer's unfailacoustics get knocked so often virtually no homage to sonate second slow movement and an ing invention both in melody and that it is a pleasure to point to form at all, being a six-fold suc uproarious hunting-finale. scoring were continually blossoms there

scoring were continually one instrument that positively blossoms there. Though it does not always come off as well as this, the Horn

Trio is one of Brahms's mos irresistible masterpieces. To go no further, both slow movements are of extraordinary beauty, especially the second. Few of the romantic composers plumbed such depths of wondering grief with such entire lack of self-pity as Brahms did in this Adagio mesto. The opener was Bartok's Contrasts. Keith Puddy's playing of the clarinet part was remarkable. Piano (David Parkhouse) and violin (Ralph Holmes) were dapper but not quite pithy or

London

The Canadian Creative Musi-

FINANCIAL TIMES

BRACKEN HOUSE, 10. CANNON STREET, LONDON ECAP 4BY.....
Telex: Editorial 886241/2, 883887 Advertisements: 883033 Telegrams: Finantimo, London PS4
Telephone: 01-248 8000
For Share Index and Business News Summary in London, Birmingham,
Liverpool and Manchester, Tel: 246 8026. INTERNATIONAL AND BRITISH OFFICES

EDITORIAL OFFICES EDITORIAL OFFICES

Amsterdam: P.O. Box 1296, Amsterdam-C.
Telex 12171 Tel: 240 555

Birming'vam: George House, George Road.
Telex 338650 Tel: 921.454 9922

Bonn: Preschaus 1f/104 Houssaltee 2-10.
Telex 3869542 Tel: 210039

Brussels: 30 Rue Ducale.
Telex 23283 Tel: 512-9037

Cairo: P.O. Box 2040.
Tel: 282516

Manchester: Qucens House, Qucen Street.
Telex 666813 Tel: 961-824 9381

Moscow: Sadovo-Samotechuaya 12-24, Apt. 15.
Telex 7900 Tel: 294 3748

New York: 75 Rockefeller Plaza, N.Y. 10019.
Telex 6390 Tel: 212).541 4628

Park: 35 Rue du Sentier, 78002.
Telex 220044 Tel: 236.5743

Rio de Janeiro: Avenida Pres. Vargas 418-10.
Tel: 282516 Telex 12.71 1et: 240 303

Birming'tam: George House, George Road.
Telex 338650 Tel: 02.1-454 0922

Bonn: Preschaus 11/104 Houssaliee 2-10.
Telex 3869542 Tel: 210039 Brussels: 39 Rue Ducale. Telex 23283 Tel: 512-9037. Cairo: P.O. Box 2040.

Tel: 938510 Dublin: 8 Fitzwilliam Square. Telex 5414 Tel: 785231 Edinburgh: 37 George Street. Telex: 72484 Tel: 631-226 4129 Frankfurt: Im Sachsenlager 13.

Frankurt: Im Saenseniager 13.
Telex: 416253 Tel: 585730
Johannesburg: P.O. Box 2123.
Telex 8-6257 Tel: 838-7515
Lisbon: Praca da Alegria 58-1D, Lisbon 2.
Telex 12533 Tel: 262 508
Madrid: Esprondeeda 12, Madrid 3.
Tel: 441 6772

Rio de Janeiro: Avenida Pres. Vargas 418-10.
Tel: 253 - 1848
Rome: Via della Mercede 55.
Telex 51032 Tel: 678 3314
Stockholm: c/o Svenska Dagbladet, Raalambsvagen 7. Telex 17693 Tel: 50 60 88
Tchran: P.O. Eox 11-1879.
Telex 212534 Tel: 682698
Tokyo: Sth Floor, Nihon Keizai Shimbun
Building. 1-9-5 Otemachi, Chiyoda-ku.
Telex J 27104 Tel: 241 2920
Washington: 2nd Floor, 1325 E. Street,
N.W. Washington D.C. 20004
Telex 440225 Tel: (202) 347 8676

ADVERTISEMENT OFFICES Birmingham: George House, George Road. Telex 233650 Tel: 021-454 8922 Edinburgh: 37 George Street. Telex 72484 Tel; 631-226 4139 Frankfurt: Im Sachsenlager 13. Telex 16263 Tel: 554667 Leeds: Permanent House, The Headrow. Tel: 0532 454969

Manchester: Queens House, Queens Street.
Telex 965813 Tel: 061-834 8381
New York: 75 Rockefeller Plaza, N.Y. 10019
Telex 423025 Tel: (212) 429 8300
Paris: 36 Rue du Sentier, 75062.
Telex 230044 Tel: 236.86.01
Tokyo: Kasabara Building, 1-6-10 Uchikanda, Chiyoda-ku. Telex J 27104 Tel: 295 4050

SUBSCRIPTIONS Copies obtainable from newsagents and bookstalls worldwide or on regular subscription from Subscription Department, Financial Times, London. CCMC debut in

biting enough—they had two

major works to come, while

Contrasts was the clarinet's only

cians Collective, a free music orchestra and composing ensemble which has been playing in Toronto since 1974, makes its London debut on Sunday, April 30, at the ICA Theatre, in the

This is a Jazz Centre Society presentation in association with the cultural affairs section of the Canadian High Commission and DRURY LANE 01-836 8108. Every night 8.00. Mallines Wed. and Sat. 3.00. A CHORUS LINE "A rare devastating, loyers, astanishing sunner." Sanday Times. the Institute of Contemporary Arts. Tickets are £1.50 plus 25p temporary ICA membership.

Already on stream

MAJOR ARABIAN PENINSULA

HEAVY INDUSTRIES

Under construction/subject to firm contract

C Design engineering / advanced studies

D Early studies / feasibility studies

FINANCIAL TIMES

BRACKEN HOUSE, CANNON STREET, LONDON ECAP 4BY Telegrams: Finantimo, London PS4. Telex: 886341/2, 883897 Telephone: 01-248 8009

Monday April 17 1978

The cost of redundancy

Beswick review. The redun-overturned. dancy deal agreed last week for The redundancy agreements

Backing

aiready having some effect. The years. BSC's efforts to introduce such schemes had been frustrated by No norm the two previous phases of the Government's incomes policy out, it is up to the employees, under the terms of which proprecluded. But in an agreement improved procedures for dislevels at new plants.

including the steps needed to and those that are not.

THE BRITISH Steel Corpora- achieve much needed improve tion has been making good pro- ment in productivity." Neither gress in negotiating terms for trade union leaders nor local the early closure of its highest- action groups will be able to cost plants including those use Ministers as a convenient whose demise had been de-back door through which deciferred as a result of the sions of management can be

East Moors works in Cardiff and writing on the wall more clearly late on price lates to come on respectively, when others at Hartlepool and at than their national leaders and stream anywhere in the Arabian gas (LNG) plants (producing above the level of their oil attached: Ultimately some assuming some rise in prices, problems of marketing. The frozen mains gas).

Clyde Iron in Scotland towards will accept redundancy if the Peninsula.

The producing above the level of their oil attached: Ultimately some assuming some rise in prices, problems of marketing. The frozen mains gas).

Solution in Scotland towards will accept redundancy if the Dubai NGL system of Saudi Arabia countries, particularly Quart the gross sales of the Dubai signed will eventually be as higher than the producing above the level of their oil attached: Ultimately some assuming some rise in prices, problems of marketing. The frozen mains gas). the need for improved produc- plan the prospect of continuing Gulf states viable economies tivity and better manning employment for varying periods before the oil runs dry. It is standards at its other plants. ahead, a promise the BSC now the foreign exchange and tax BY MICHAEL FIELD Speke has been the fact that the declining oil incomes. Here too, there are some en factory was built only eight. But in practice the odds on working back from market tries foreign exchange income accial spending, or the intro- than 1/30th of last year's Saudi they will be operating in couraging signs. The introduce years ago and so few of the heavy industry fulfilling the prices and eliminating all other as well as a still bigger proport duction of tax, are liable to tion of productivity schemes at workers there had been role intended for it are highly costs, Stauffer has put the value tion of government revenue. lead to the departure of large plants such as Port Taibot is employed for a large number of speculative; and this calls into of 1,000 cubic feet of gas at Additional sources of Indians and other these plants, which are the surpluses—running up to 55 per

ductivity bargaining had been unions, and management conearlier this year the Iron and stances. There can be no are appropriate to the circum-Steel Trades Confederation com-national "norm" for redundancy mitted itself to the negotiated nav over and shows the pay over and above the introduction of local job minimum rates laid down by measurement and incentive statute. The extent to which schemes as well as to other im- alternative jobs are available portant arrangements including locally, the preference to be improved procedures for dis-putes and for agreeing manning longest-serving workers, the case for some kind of continuing These commitments have yet payment as well as a lump sum a direct substitute for oil, but to be translated into action at (a growing feature of redunlocal level, and similar agree- dancy deals) varies from case ments have yet to be made with to case. So, too, do the cost other unions involved in the savings which will ensue, and industry. But the Steel Cor. thus the share that can be made poration should now be able to available to those whose jobs are count on the firm backing of the disappearing. BSC, like the Coal Government. Last month's Board, may be able to draw White Paper not only marked redundancy funds from the the abandonment of the idea European Coal and Steel Comof job preservation which munity, but there is no differ-underlay the Beswick plan; it ence in this respect between also expressed the Government's public and private sector con-"full, sustained and public sup- cerns or between those that are port to the BSC in its efforts, being supported by the taxpayer

Long run for commodities

monwealth Ministerial meeting it that amount of leverage. in London last week made some Most developing nations look

Realistic

The apparent readiness now to visible overseas earnings, and Governments. the wrench this would have of their balance of payments and Unpalatable

in the price of imported raw materials. But it is marginal bematerials. But it is marginal bevanish into the sands because. Tima and his Cabinet took the a three-year public relations side the resulting uncertainties for the Third World, it has be design to sever diclomatic ties contract was signed. "Matanover new investment to assure come a test of the West's with Pretoria. Did the trio zima has a tremendous regard supplies of future raw materials sincerity in negotiations. There oncourage this decision? "No." for Britain and we want to and the luss of purchasing sincerity in negotiations. There oncourage this decision? "No." for Britain and we want to power in the Third World, which is becoming an increasingly significant importer of capital summer governments to narried. Both Lowblack and Berkeley there is a hard road ahead." goods. The advantage of a Ministerial meeting, such as the pate in commodity agreements

is that attempts to dampen growth. is that attempts to dampen down the wilder fluctuations of the commodity markets must be firmly rooted in individual commodity agreements negotiated countries have in mind is not the most effective mechanism.

THE CHANCES of convening a leaves for the fund only a posed common fund to stabilise associations some capital commodity prices are probably savings. The West does not a lot less good than Mr. Shridath want the fund to have the power Ramphal, the Commonwealth to intervene in the markets and Secretary General, suggested on does not intend to provide it Friday. But the two-day Com- with the finance that would give

progress in bringing together at the fund through the other the industrialised and develop- and of the telescope. They want ing nations that would have to it to have a strong capital base The Chief's men because they would like it to be able, as a Third World commodity institution, to hold its own against what they see as the The news of last week's some-Western-dominated LMF and what hizerre decision by the

between producers and con- the most effective mechanism South Africa's Goliath."
Samers. The most likely to be for making good their shortfall

Perils for oil States' industrial life-rafts

HIS MONTH sees the com- and fertilisers, export oil and on the attractiveness of the If Qatar and its successors are not much compared with the petrochemicals plants, are not pletion of start-up trials of refineries, steel and aluminium area as an export market. dancy deal agreed last week for The redundancy agreements the end of steel making at reached at Ebbw Vale and other the end of steel making at reached at Ebbw Vale and other Ebbw Vale follows a similar plants shows that local mill, the first heavy industrial (NGL) plants (producing heavy be called upon to act as a greement a month ago at the employees can often see the last Moors works in Cardiff and writing on the wall more clearly 1973 oil price rises to come on feedstock) and liquefied natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues from crude oil exports. So high into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly ALBA and the Qatar's Umm Said steel smelters, natural gas liquids Initially, the industries will from industry, they face the The gross sales revenues of turned into losses by even a prospect of becoming partly all the first heavy industries will from industry.

wanted to buy out, whereas an revenue earner regarded as the important consideration at most logical supplement to

ducers' whole future.

wholeheartedly are Abu Dhabi (Petrochemical and NGL plants rejuctant to use all their which they have very much a ments choose to price some of cerned to negotiate terms that subscriber, while (to be safe) they use only the heavier—and production as long as possible, been separated out of the mixing to combine some heavy with oil production.) industry with a role as service centres for the economies of

their neighbours. Saudi Arabia is in a category of its own, because its vast oil reserves enable it to look upon heavy industry not so much as as a first generation of industrial a training ground for its people and a foundation upon which later industrial development will be based.

question the Arabian oil pro-\$1.68 if used for refining, at at each stage would be interest non-oil State Arabs (mainly figures which should really be cent. excess capacity for ethy-Vo norm

The states which endorse for significant smallers, \$0.50 call reserves and domestic countries working but who feel forecasts vary considerably in the heavy industry philosophy for LNG and \$0.60 for steel, taxes. But governments may be alienated from societies, in according to how the governments which they have very much in according to how the governments. and Qatar. Kuwait is a partial are not included here because interest and dividend income if second-class status, it also tries to draw out its oil higher value—gases which have and Bahrain and Dubai are aim- ture of natural gases associated The planners then have to

consider the market position of each product and the size of the labour force required by the different plants. This may alter the picture somewhat, because even if a rafinery will yield they wish to maintain the real

Clyde from in Scotland towards will accept right. The terms The event is of more than In deciding which of these in- oil production begins to decline, and Abu Dhabi, could conceiv- aluminium smelter (DUBAL) in alone will eventually be as big the closure of old facilities will offered by BSC have been widely passing significance, because as dustries to build, the oil pro. they will have to begin taking ably find that if their industries the early 1980s might be as the profoundation of financing and abuld will be stored to build, the oil pro. the closure of old facilities will offered by BSC have been widely passing significance, because as dustries to build, the oil pro. they will have to begin taking ably find that if their industries the early 1980s might be as the present capacity of the make a useful contribution to a publicised and could well have all the hundreds of thousands ducers consider first which over the burden of financing a fail, their economies will simply roughly \$250m, and the sales of outside North America, which reduction in the Corporation's influenced expectations among the following passing significance, because as dustries to build, the oil pro. they will have to begin taking ably find that if their infustries the early 1980s might be as the present capacity of the make a useful contribution to a publicised and could well have all the hundreds of thousands ducers consider first which over the burden of financing a fail, their economies will simply roughly \$250m, and the sales of outside North America, which profitable use of their gas. A theory is that, eventually, gov- will turn into ghost States in Speke. But they reflected, heavy industry is seen by the mistigally assumes Western tion of oil and unassociated gas century ghost towns of the Wild space. to have totalled £440m. In the Speke. But they reflected, floring financial year just ended, an among other matters, the fact financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, an among other matters, the fact floring financial year just ended, and unassociated gas century ghost towns of the Wild \$280m, each and the fact floring financial year just ended and unassociated gas century ghost towns of the Wild \$280m, each and the fact floring financial year just ended and unassociated gas century ghost towns of the wild \$280m, each and the fact floring financial year just just sufficient to run their in ran out. At present the dustries (converted partly to economic life of all Arabian being oil-burners) without there oil States is totally dependent being any surplus of crude left on the governments continually planning stage put together fineries, in contrast, seem likely for export. And at that point pumping money into them Any the industries would have to policies involving a reduction versity's T. R. Stauffer. By provide almost all of the coun- of wages in real terms, cuts in

1-A

1-A 1-B

I-C

2-B*

1-B

1-B

1-ď

Kuwait

Bahrain

Qatar

Abu Dhabi

Dubai

\$1.20/1.00 for fertilisers, \$0.94 earned from accumulated finan- Egyptians) who keep the compared with oil revenues, the Iene production according to

6 Most of the heavy industries that have already been brought on stream . . . have performed disastrously. 9 In all

rather more profit per unit of value of their foreign assets, Bahrain and Saudi Arabia, axdevelopment which will provide gas than, say, a fertiliser plant, while tax is something which patriates account for between it will actually make use of a the Arabian populace will find much smaller volume of gas and hard to accept: it is used to the population.

yield less total revenue atri.

butchless total revenue atri. butable to gas. It will therefore source of all personal wealth, look much less attractive when not as an institution which it

The basic appeal of heavy in the minds of the planners is that most of the plants envisaged would run off incally-produced raw materials. They can (in theory) be made competitive in international markets by supplies of low-cost flared as part of the process of the cliart.

Although people normally talk

The basic appeal of heavy in the basic appeal of heavy in the basic appeal of heavy in the minds of the plants expectations work against steel dates in different countries, and different countries in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 80 to 70 products. Western govern-dates in the Arabian Permisula frave estimates may be up to 60 to 80 flared as part of the process of Although people normally talk other State. In fact Quarar will plants have suffered from contractors. Although people normally talk other State. In fact Qstar will plants have suffered from need to draw a lot of its revenue serious technical snags caused force required would be small for the day "when the oil runs from industry by 1985, which in relation to the value of the out," in practice they will be in Arabian planning terms is plants output—a vital considerance needed a lot sooner. It is highly that within 10 years the two other hand, is already wry small indigenous popularity dependent on industry to some times and are heavily dependent suia heavy industries in the Gulf state. The fact Qstar will plants have suffered from contractors.

Consequently the 1981 prints tured goods on the other in the office of the Qstar manufactors. In succeptionally severe entrophenical snags caused by the exceptionally severe entrophenical snags caused by the other hand is already represented and the industries of the in

60 per cent. and 80 per cent. of

countries except

cals plants at the advanced

1-C

1-A

I-A

1-c

1-B

the plants' inputs notably gas, water and electricity. The governments' decisions are ex- It must be said, though, that

dent on government accounting been negative. decisions. In the case of steel decisions. In the case of steel. The result of this situation is and aluminium there are major that the sales of the Middle at 2 and Unfortunately for the States imported raw materials, and for Eastern heavy industrial plants which may one day be facing all plants there are high could become a political issue. force needed "labour force amployed per over from oil to industrial unit of gas consumed and the basic appeal of heavy in the appeal of heavy in the personnel and income will begin at different in the Arabian Personnel have estimates may be up to 60 in 80 products.

basis all four Saudi petrochemi- evitable. Arabian Perisinsula petrochemicals plants and rewould not yield more than the to account for quite minor prorevenue from 250,000 barrels a portions (2 or 3 per cent.) of day of crude oil exports - less world capacity in the 1980s, but As for the net income of bound to be plagued by huge independent estimates.

'Strings' tied to oil sales

tremely important to potential the Arabian governments' own foreign partners—though from estimates of market conditions the point of view of the Finance are very much more optimistic Ministries it does not make very than this. Furthermore, it is much difference whether the in- argued strongly that the size of come comes as sales revenues the 1980s surplus capacity could from gas and services, or as be controlled now by co-operadividends and tax on the profits tion between governments. But as the Saudis themselves admit, There are some inputs, the West's reaction to their rethough, which are not depen quest for a dialogue so far has

markets for their own manifac-

ontained by Aigeria for exports tries, patential as revenue conference by July that would marginal role as a banking succeed in establishing the proposed common fund to stabilise associations some capital conference by July that would marginal role as a banking succeed in establishing the proposed common fund to stabilise associations some capital conference by July that would marginal role as a banking street in the stabilise associations and even the stabilise associations some capital conference by July that would marginal role as a banking street in the stabilise association as a banking of similar gas. These figures, parents tries patential as revenue on the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the samples are revenue as a banking of similar gas. These figures for the facility able to offer commodity prospect for the facili

in **M**ayfair

For the West, there is a shortterm gain to be had from a fall
U.S. and Germany. But it is imthe price of imported raw

Operant set to less the formal start of this month. While they
in the price of imported raw

are paid consultants to Dwyer's When I suggested it was paraagency, called Business Expan-doxical that the agency was The victim is the grandlose More on the vagaries of British isterial meeting, such as the Commonwealth session, is that it can touch on these broader it can touch on these broader issues of trade and capital flows, which officials negotiating on a specific subject feel are out of bounds.

But major differences over the fund still remain. The view of the fund still remain. The view of the West is that attempts to dampen

achieved are tin, rubber, coffee, in resources. But the West is not coco2, ten, and jute, with copper going to persuade them to shift Berkeley is a veteran Africanist. cocon, real, and jute, with copper going to persuade them to shift a possibility. Western governments are willing to share the more forthcoming over the reshifted on the manning of the lated issues of concern to them belief stock required to make the particular. access to the says, for his constitutional and pute, with copper going to persuade them to shift them to shift and possibility. Western governments are willing of life insurance or gaming, with all the risks it could present as a busing and possibility. Western governments are shift ground unless it is much who likes to refer to many black under their ground unless it is much who likes to refer to many black under the selling of life insurance policies. A probe into the mess of chance, was incompatible widely advertising its burnal services in the city's newspapers. The agency has retained him to shift and provided and the selling of life insurance policies. A probe into the mess of chance, was incompatible widely advertising its burnal services in the city's newspapers. The BBC's "Moneybox" prothe agency has retained him. It says, for his constitutional when the selling of life insurance or gaming, with all the risks it could present as a busing t before stock required to make —in particular, access to it says, for his constitutional gramme. The Life Offices whom worked on the tables, warning in heavy type: "Please such agreements work and to Western markets for their knowledge. The third member Association has expressed dis-decided the wheel was not going Note, Our Prices Rise on April 20." guarantee borrowings that com- manufactured goods and the of the team, Lowblack has close approval and there has been to stop there. As the doors 30, modify associations might need availability to them of more to make. But this approach longer-term finance.

Association has expressed dis- decided the wheel was not going 30. Association has expressed dis- decided the wheel was not going 30. Association has expressed dis- decided the wheel was not going 30. Association has expressed dis- decided the wheel was not going 30. Association has expressed dis- decided the wheel was not going 30. The manufactured goods and the provided provided the wheel was not going 30. The contact with the Transkie's Ministerial criticism in the closed, in they went to occupy to make. But this approach longer-term finance.

search for a compromise reflects a more realistic appraisal of the a more realistic appraisal of the a more realistic appraisal of the as being ownerful enough to break diplomatic African embassy, all callers stations in London, to quiz Ruhl.

Dwyer told me. "But we know Belle Epoque waterfront, has Both Lowblock and Berkeley there is a hard road ahead." succumbed to the English More for less

'clipboard selling" technique. are put at around £2m. insurance broking firms to find The official receivers decided

search for a compromise reflects a more realistic appraisal of the complicated issues at stake. It is also indicative of anxieties shared by both North and South about the gloomy outlook for world trade and for their economies. Developing nations fear a drop in their commodity export earnings, which account for nearly two-thirds of their or nearly two-thirds of their owners.

World Bank. They see the fund as being powerful enough to present to break diplomatic African embassy, all callers attations in London, to quiz days about the Transkel to break diplomatic relations with South Africa was about the Transkel were then about the Gloomy outlook for window to assist producer nations whose commodities are nearly two-thirds of their owners and to whose commodities are and to break diplomatic African embassy, all callers stations in London, to quiz emerging in London, to quiz days about the Transkel to break diplomatic relations with South Africa was about the Transkel were then about the Transkel to break diplomatic relations with South Africa was about the Transkel to break diplomatic about the Transkel were then the economic scene. He can activist "second with South Africa was about the Transkel were then about the Transkel were then the economic scene. He can activist "second to Lowblack. But at the called Integrated Visual Systems around to whoever may want to all the transkel to break diplomatic about the Transkel to break diplomatic about the Transkel to break diplomatic about the Transkel were then about the Called Integrated Visual Systems around to whoever may want the edictions with South Africa was about the Transkel to Lowblack. But at the commodity appears to the economic scene. The names they collect are then brought to Lowblack. But at the Indian writer named Scobie declined to discuss the details, make sure your interrogator equally serious employee prob-

Faithful to its name, the Promenade des Anglais, Nice's disease.

-well over £1m.-in its last the motorway instead. financial year, and its net debts

likely candidates victims, per to take no more bets. "The Die now, or else haps one should say-for subse- practice of gaming, with all the

This is not the first time Low- insurance brokers have lately they saw the casino's demise black has worked for Matan
been declaring a change of coming, ever since effective con
lieart. They say that clipboard trol passed last June from the

selling is a thing of the past. hands of Mnc. Rence le Roux

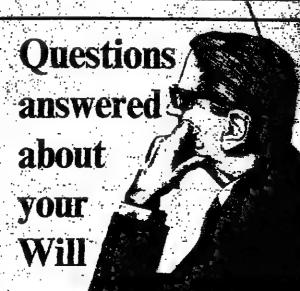
Transkel Information Service (TIS) from a third-floor office clipboards still hang around the Fratoni, who also runs the

Indian writer named Scobie decimed to discuss the details.

Lowblack,

Dwyer says that as far as he known opinion polisters. Otherwise, you will shortly be on the perfectly and Lowblack went representing the Transite here and of some forceful telephone and of the representing the state of their representing the state of the representation of the well-lem. Nine of the casino's comes from one of the well-lem. The casino's comes from one of the well-lem. The casino's comes from one of the well-lem. The casino alleged illicit winnings is reported to be around Frs.6m. The management has sent out a note assuring customers that it was the casino, and not they, that

The casino lost 10m, francs He has now decided to drive up



Q: In these days it is hard to estimate what I may have to leave when the time comes. I want to be fair to close relatives; but I also want to benefit a cause close to my heart. How can I best ensure both?

A: Most of us have a similar problem; with inflation. The sensible course is probably to leave fixed proportions of your estate to the individuals you wish to remember—say 20% to one, 15% to another and so on-and then the residue to the cause you wish to help.

Q; I wish to remember old people, since they seem certain to be in continued need; but their needs may change. How can I anticipate what they may be?

A: Help the Aged has a justified reputation for keeping well abreast of the needs of old people; and has pioneered a great deal of much-needed work for lonely, sick, hungry and despairing old people. Their trustees are especially careful to make maximum use of volunteers in daily touch with the elderly. thereby ensuring the most practical response to need and obtaining the utmost value for each bequest.

They publish two useful guides for those considering their wills; and I often commend these to clients to study in advance of consulting me. Copies may be obtained free on request by writing to: Hon. Treasurer, The Rt. Hon. Lord Maybray-King, Help the Aged, Room FT5L. FREEPOST 30. London WIE 73Z (No stamp

leaning and the

22 164 202 - - Pri

ON NEW CONTRACTOR

mukis most luxuriou Manus air die ein die gen

Same Property of the same

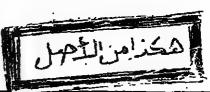
time mes

Main-flight travel kit

Entertain

FINANCIAL TIMES SURVEY.

Monday April 17 1978



Society grappling change

Authory McDermott

Saudi Arabia

The second part of the Survey looks at the vital oil and gas industry and at the development of infrastructure which will act as a long-term unifying economic and political factor.

change, development and re- as under siege, Saudi Arabia has tions of economic evolution. organisation as Saudi Arabia is a confidence about it which is to-day. The contradictions—as often taken as arrogance. seen from the West-are easy. At the same time Saudi

the size of Western Europe. It is the relationship creasing to import and depend and which if mishandled could on an extensive foreign labour be damaging, not beneficial,

improve the educational and ment article points out (Page material standing of women XXII), that some sort of vision while continuing to deny them of Saudi Arabia emerges the logical extension of this most clearly. Basically there betterment by keeping them are three trends: greater urban-apparently still in a status in isation; industry to be develferior to that of men. Above all, oped to supplement and, in the it is trying to run an increas distant future, replace oil; the ingly complex State before the bedouin population to become foundations of a suitably geared more settled and turn to agribureaucracy have become estab-culture.

understand nor accept. First, for it is harder to quantify than them the criteria on which these how a \$142bn development apparent contradictions are plan is to be carried out or an based are profoundly different oil production ceiling of 8.5m. and therefore frequently do not barrels/day imposed. Thirdly, apply. Secondly, Saudi has it is clear that although Saudi hitherto been highly successful Arabia's ruler and ulema, the in resisting some aspects of religious leaders, have total con-change, in particular the move-fidence in Islam as a guide to ments of radicalisation which life, there is awareness that passed through the Arab world changes will have to come and in the 1950s and 1960s.

AND 12 1815

As a result it sees no reason tainty the direction to take. why the new challenges brought. It is not for nothing that the suphisticated machine with a that hitherto it has not been pleasures of Western society education have done so with its role in the Arab world and West—probably through an oil on by the impact of enormous preamble to the development wide network of contacts opened to Western cultural when abroad on business, edu-great enthusiasm. But practical the world in general. For embargo.

Arabia is having to face deci-Physically It is a country with sions which are not just on a a small population-6m may be day-to-day basis about providtoo high an estimate-scattered ing aid for this or that African across an area about two-thirds State or issuing a law defining between trying to hold firmly to the basic foreign companies and local and strict tents of Wahhabi agents. It is having to decide Islam while absorbing the most between a whole range of longmodern technology available. It term strategies which could prois seeking to retain a Saudi foundly affect the society and identity while being forced in- country in which Saudis live,

It is in the material and There is a positive drive to economic side, as the develop-

ished. Predictably, the spiritual in many ways, to list these vision is less clear. This is points is an unproductive exer- partly because this is a far more cise because it expresses them in intimate process, not directly terms that Saudis might neither involving outsiders. Secondly, they have yet to chart with cer- years are remote.

National Guard is largely made nomic developments by buying from the increasing number of But there is also an innate up of Nejdi tribesmen tradi them the best education abroad foreigners that have to be respect for the austere Wahhabi roads, improved telecommunica, the Government. tions. Saudia's air links with Furthermore, although pockets comparatively obscure towns of poverty do exist in Saudi the bedouin have all given shanty towns in and around the Saudis a sense of belonging to main cities, there is broad cona country with an identifiable and patriotism should be given. tunities by means of its great

Contrast

In contrast to this tangible gain of Saudi patriotism, which should strengthen with the years, greater economic opportunities and more widespread education contain their own going through an extensive potential problems. For a start period of sophisticated developthey have opened the way for ment, are not seen as a threat. technocrats and business people This is partly because the rulers not from the royal or tradi- of Saudi Arabia, having seen tionally influential families to how military coups have come come forward and demand and gone elsewhere in the Arab political within a system which is almost goes on in their ranks, and entirely dominated by the ex- partly because the regular tended royal family of some armed forces and the National 5,000 members. It is generally Guard are set up as deliberately

The royal family is

THERE HAS rarely been a wealth should not be absorbed plan puts the maintenance of through marriage which keeps influences as say the Maghreb cation or holiday, society as exposed to dramatic as well. Far from seeing itself Islamic values before descrip- it well informed about, and re- was to France, the Levant and apparently to eschew those ele- traditional ons of economic evolution. sponsive to, public opinion. In Egypt to Britain and France, Some aspects of the develop. addition, security in its own and the countries of the Gulf just over 40 years since Saudi tion to relinquish the pro-p. Jound strains may now come, Arabia was unified under King dominant role it has developed for in a new form Saudi Arabia banned pleasures like alcohol caused disnay by saying that tained a Abdel-Aziz after a history of for itself. Indeed its senior is experiencing what those did are obtainable for those who caudi women are hiding behind Politics. prolonged tribal strife. Traces members have been trying to in the last century—and in a want it, and partly because walls of their own making. The of these differences still remain ensure that its members are more acute form. and it is significant that the capable of dealing with eco- The direct invasion comes

> tionally loyal to the house of —mainly in the U.S.—and employed. Officially, the drive Saud. But the provision of placing them in key posts of Is towards Saudi-Isation in every tentment with the way the wealth-directly in aiding the private sector obtain loans, or through helping people buy houses on cheap

The armed forces, which are those of others. recognition world, monitor carefully what

One historical feature which

indirectly

Saudis now have unprecedented daily al-Riyadh, however, indi-

walk of life, but in practice this prilay is highly selective. The in

ported culture from the West. forbidden, but private or semi-fundamental role of Islam. private showings are widespread, and in recent weeks a Saudi newspaper listed some of ACUTE the films available, including some on the verge of soft porn,

But on the whole Saudis-in Illiteracy is still high among not from the cultural invasion Arab world and gives Saudi Arabia special con- particular the men-display a women, but those who have from nutside but from the deci- unpleasant choice of having to fidence in its spiritual values is singular ability to enjoy the grasped the opportunities of sions Saudi Arabia takes about side with the Araba against the

A quick getaway on arrival.

At Jeddah Airport we've

just opened a superb new baggage

handling area, new customs

control and new airport lounge.

your way faster than ever before.

Haute cuisine for high flyers.

way as restaurants, then we count as

So on arrival, you can be on

If they rated airlines the same

and use of this learning outside the ments which are banned in within the home ment plan are already having a way is unobtrusive but tight to Britain. Yet it is from any real schizophrenia. This is beneficial impact. It is only and the family has no inclina- Western influences that the most any real schizophrenia. This is rings. A journalist writing in Part I of this survey appeared the property of the propert partly because some of the the weekly Iqra in February on Monday, March 20, and concaused dismay by saying that tained articles on:

revolution in women's status by suggesting that one solution to Islamic priciples which the the boredom women suffered Resolution of most of these the long term depends first reason is that there are heavily on education. If there problems lies ultimately with and education and services for Arabia in distant villages and not enough trained Saudis to do is cause for concern about the Islam, which, it is often for many of the jobs. Secondly, future it is this sector, for gotten in the West, has shown Saudis are more interested in while in the education Minis- in the past remarkable ability business or in occupying senior tries and universities there are to adapt and think forward. It Government, to which loyalty Government has provided opporworking core of Ministries. One modernising curricula or run- protection against the growing crucial effect may be to exacer- ning the experimental compre- materialism brought on by bate - as decisions about the hensive school at Riyadh, the economic development in that, economy and social affairs system itself is antiquated, unlike some religions, it makes The House of Saud hecome more complicated—the held back positively by the tra- no great virtue of asceticism terms or through giving schoolchildren free meals on a wide
scale.

The second forces which care in the complete of the property of the transport of the property of the pro

For the moment in the hands of the religious able to have a deep influence these problems ironically buy equivalent of the young Saudis not just on the future of OPEC So far Saudi society has been time for the conservative ele- who obtain distinguished PhDs as a cartel but also on Western successful in containing imments in Government who are abroad. On the contrary, in this economies (in particular that of concerned about the deeper most delicate area the Saudi the U.S.). Indeed there are signs of sureffects of introducing more inGovernment is moving with its. The indications are that
prising flexibility from time to dependent thinking or subjects characteristic caution and economically and politically Cinemus are officially which might undermine the secrecy perhaps inspired by the Saudi Arabia is becoming inin Europe.

The dilemma is especially and where they could be seen, acute in women's education, of instability will come probably their role of moderation in the

XXIV Gas gathering Heavy industry XXIV XXV Oil production XXVI Marketing Electricity XXVI Water supplies XXVII XXX Roads XXX Housing XXXII Education XXXIII Contracts XXXIV XXXV Sightseeing

CONTENTS

Surplus revenue

Development plan

Father of the Kingdom XXXVI XXXVII Bedouin

opportunities for travel abroad. cated the limits of this potential Defence Capital market

fact that, under Saudi patronage extricably tied up with the West. Islamic values seem to be reas. But if, for example, the Arabserting themselves in Africa, Israeli conflict remains unre-Asia and among communities solved and threatens to turn into another war, the Saudis might In the end the greatest risks inevitably be forced to abandon

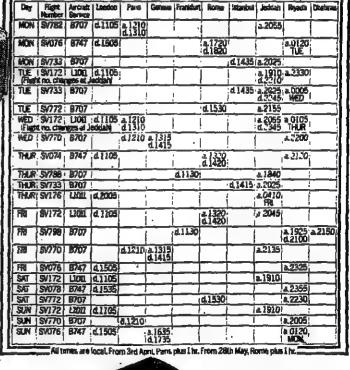
The world's most luxurious jet-liners. Almost all of our flights between London and the Kingdom are by spacious wide-bodied TriStars or 747s. DO METES DIETRY room to stretch out-and

ersonal in-flight travel kits. All first-class guests receive a special kit-with the compliments of Saudia; it includes eve-shades freshen-up tissues. **Entertainment at your fingertips** We're the only airline to

offer films and music on all flights between. the U.K. and Saudi Arabia. Armchair controls give a full programme of entertainment.



the world's first cordon bleu airline.



PASSENGER SERVICES EUROPE-SAUDI ARABIA.



Saudi Arabia's second great national asset:





U.S.

First National Bank of Boston

First National Bank of Chicago

BRITAIN AND

•Morgan Guaranty

Manufacturers Hanover Continental Illinois

United California Bank

*Rankers Trust

Mellon Bank

Irving Trust

Chemical Bank

Security Pacific

Forecasting the size of Saudi Arabia's surplus funds has proved to be a hazardous occupation, and deploying them to best effect a task of enormous complexity. The role of the Saudi Arabian Monetary Agency - effectively the central bank - has been much misunderstood in the speculation over deployment of the surplus.

Surplus revenue

since the oil price explosion of pened, \$50bn. In future it can ment outlets, Saudi Arabia, like Qatar constitutes the "reserve" is opened. 1973-74 to show the longer-term be assumed that the Kingdom's Kuwait, has little choice but to managed by the finance minis. It is not possible to give pre-1973-74 to show the longer-term be assumed that the ringuous shaden has not enough the finance multiple forecasting of surpluses to have portion of the four producers' place the greater part of its been not only a growth industry been not only a growth industry whatever it foreign assets in the dollar form accounts belonging to the Government and all Government and Government and Government and Government and but a notoriously unreliable is—with increase reliable to the elimer in the U.S. or elsewhere, one. Pundits in institutions and others. Even if it special most Yet there has certainly not been agencies and the commercial publishes fortingibily are not to the IMF at the end of Novembanks have tended to make all its revenue in this period any formal agreement on this banks wrong assumptions about subwrong assumptions about sub-steady growth of the country's Currency Review reported last of the real value of revenues as incignificant presenting a not year. a result of inflation and recently it should be stressed, do not the Saudi Arabian Government marked for salaries and for special and reserve accounts legitimately reduce the declared and the surprising absorptive generate high income. capacity of OPEC members—not Kingdom's foreign assets central bank) has been under- accounts containing sums ear- the least Saudi Arabia. Who deployed by the Saudi Arabian stating the size of its liquid marked for disbursements as \$3.95n., other accounts \$12.85n. Third World countries, which it would have believed three years Monetary Agency (SAMA) have foreign assets and has entered aid loans or gifts; a special ago that the OPEC countries as not been fully reflected in the into a series of agreements with "IMF account" which contains ago that the OPEC countries as not been fully reflected in the into a series of agreements with whole would have a declining reserves recorded by the Inter- the U.S. which effectively balance of payments surplus in the third quarter of 1977?

One thing, however, can be said for certain: Saudi Arabia surplus for the indefinite future a rate of 8.5m. barrels a day. the United Arab Emirates and surplus generated during them. Qatar. Having made the above reservation about forecasts, one Confidence of the more authoritative lookend of 1976 to \$229bn. in the exact

Area	865,000 sq. miles
Population	9.24m
Trade (1976	5)
Imports	SR3V.7bn
Exports	9R127bn
Imports fr	om U.K. £400m.
Exports to	U.K. £978m
Trade (1977	()
Imports fr	om U.K. £577m.
Exports to	U.K. £1.1bn
Currency: Ri	yai £1=5R6.59

BASIC STATISTICS

national Monetary Fund. Those remove a large part of its assets not yet drawn upon; Government in its monthly financial from its own control. recorded in its monthly financial from its own control, statistics rose dramatically from \$3.87bn, at the end of 1973 to to be included in the \$14.28bn. at the end of 1974, agreements were that 50 per \$23.32bn. at the end of 1975, if it maintains oil production at \$25,02bn, at the end of 1976 and of payments surplus was to be

summer by the First National the total would have been in in the U.S. In fact neither of summer by the First National the total would have been in these claims makes sense on a Bank of Chicago predicted the longer-term assets which might collective foreign assets of the justifiably not be classed as four rising from \$78bn. at the "international liquidity." The particular, the first claim is made absurd by the fact that a criterion for such five-year period from 1977 to classification has not been speir tarr proportion of the balance five-year period from 1977 to classification has not been speir tarr proportion of the balance five-year period from 1977 to classification has not been speir tarr proportion of the balance five-year period from 1977 to classification has not been speir tarr proportion of the balance five-year period from 1977 to classification has not been speir tarr proportion of the balance five-year period from 1977 to classification has not been speir tarr proportion. 1981. Saudi Arabia's share at out in detail. Certainly, the Government is very conscious

> surplus. practice, there is no particular Government's "liquid cash" is mystery about Saudi Arabia's held specifically for the purpose "Missing Billions" as one of spending in Saudi Arabia or journal specialising in foreign to meet external commitments exchange dramatically asserted such as aid loans, and is therein a boring and uninformative fore by definition not part of Investigation into the question the surplus available for longearly last year.

Fahd reconfirmed the Klug- alleged items in the secret dom's confidence in the dollar, agreements involve a misundersaying that it did not wish to standing of the role of SAMA, switch to another form of The Monetary Agency controls currency. Considering-the size not a balance of payments surof its accumulated surplus and plus but a budget surplus

Saudi Arabia's Progr

Since they installed Saudi Arabia's first power distribution in

For some years now the tions that SAMA (the Kingdom's expenditures; Finance Ministry \$8.70n., pension fund accounts by removing the deposits it has

cent. of the Kingdom's balance serve account", which can be budget expenditure to please the country of discounted or without causing chaos. \$21,0200. At the end of 1976 and or payments surplus was to be cassined more of less as accum\$30,0300. At the end of 1977. The placed in special long-term nonmulated budget surpluses; local letter of credit seconds. of the four long-term surplus figures for the last two years in marketable U.S. Government banks' deposits; the accounts of countries together with Kuwait, no way reflect the official paper, and that 37 per cent of landing formal the government's special cash, surplus to the Government's requirements for investment in Saudi Arabia, would be An increasing proportion of placed on the long-term markets fair proportion of the balance private sector and not under the control of SAMA at all, while the enormity of its the second claim is a contradic-In tion in terms because the

term investment. Last mouth Crown Prince Fundamentally, a lot of the

SUFFICIENT TIME has elapsed the end of 1976 was, as it hap the limited alternative invest (which is what in Kuwait and as soon as that letter of credit ficant scale without seriously

money allocated to the IMF but Applied The two principal items said (other of which are now held Banking Corporation); the "re-Industrial Development Fund),

disturbing the market.

Thus SAMA's liabilities in figures in the November, 1977, (\$25.4bn in the IMF figures for clude: the current accounts of balance-sheet were: Govern- the end of April; 1977). Indeed insignificant proportion of them. During the last six months Government departments ear- ment current accounts \$3.0bn., SAMA believes that it could has been badly upset by allega- other current and development \$27.90n, Government agencies total of its liquid assets further

with the new Saudi Investment SAMA's control, no matter what which it argues again could account they are derived from, hardly be discounted or withbudget expenditure is placed in For practical purposes, howletter of credit account and cash "reserves" heading by the IMF lending funds (such as the Saudi and it is up to the investment bank deposits placed exclusively department to work out the with banks on the Approved

broken down in this way. Still, ber last year) by including for what they are worth, the Treasury bills as investments recognises are unlikely ever to be repaid at all. It could also remove its longer term CDs and The same investment policy many of the deposits it has is applied to all the funds under placed with banks in the West

due to the commercial banks, are predominantly CDs and of the names in the box. the Islamic Development Bank, amount of the funds that must List. Originally this list con-statistics as "other assets," are assigned to do very specific Petromin, Saudia and other be held liquid at any one time. tained just ten names (marked composed of Treasury hills tasks which SAMA feels it is not State institutions; and a special In practice SAMA's de with an asterisk), but in recent bonds issued or guaranteed by able to do from its headquarters "letter of credit account." This finitions of which assets are or years it has undergone two concernments or agencies of in Jeddah (it is for this more account, which dates from the ent from the definitions nor-when 25 names were added in a covernments or international pose alone that SAMA decided reforms instituted in the late mally used in the international somewhat random fashion, and organisations, loans to govern to open the portfolios), and all 1950s after Saudi Arabia had banking community. Most im- another in 1975 when about 17 been virtually bankrupted by portant, treasury bills and other or 18 names were added after not concessionary deposits with strict guidelines—although technically their portfolios are of the late King Saud, holds a sum easily discountable securities, very careful study. Taking into equal to the full value of all which might normally be account four or five additions porate bonds, and a very small discretionary type. One of the outstanding letters of credit classed as liquid assets, are re-which have been made individuation amount of equities but no fundamental guidelines is that one and by the Coveryment for casted by the Coveryment for ca opened by the Government for garded by SAMA as invest- ally at different times and one property. contractors—the account being ments, because the Monetary or two subtractions the list now credited from one of the Govern- Agency holds such enormous stands at something between 54 other securities are held in port- the voting stock of any company.

COMMONWEALTH Barelays Standard and Chartered British Bank of the Middle East Hong-Kong and Shanghai Banking Corporation Bank of New South Wales Australia and New Zealand Bank of Nova Scotia Canadian Imperial Toronto Dominion Royal Bank of Canada Bank of Montreal

Banque de Paris et des Pays Bas Banque Nationale de Paris

> ments, referred to in the IMF folio managers have b governments or agencies of in Jeddah (it is for this pur-

The equities and some of the investment reach 5 per cent of ment current accounts with the quantities that it would be un- and 58 names. It is possible to folios, possibly up to ten in num-amount of each letter of credit able to discount them on a signi- be certain on all bar about ten ber, which SAMA has opened

Dresdner Bank Commerzbank Westdeutsche Landesbank Bayerische Vereinsbank

Deutsche Bank

GERMANY --

JAPAN

Mitsabishi Bank Bank of Tokyo Sumitomo Bank Dai Ichi Kangyo Bank Fuil Bank Sanwa Bank Mitsul Bank Industrial Bank of Japan

OTHER EUROPE *Algemene Bank Nederland Swiss Bank Corporation Credit Sulese Credito Italiano Banco Commerciale Italiano Credit Bank of Brossels Banque de Bruxelles 🚆 Skandinaviska Enskilda Amsterdam-Rotterdam Banco Centrale

Note: Not all banks on the list have accepted SAMA deposits on the terms offered, and there are very wide discrepancies in the amounts held by different banks. Banks are not told officially when they are placed on the list (or removed from it) and the list is not circulated among members.

Union Bank of Switzerland

recently mainly with banks in SAMA's long-term invest, the U.S. In every case the pork

By Our Foreign Staff

current (second) plan. Its main emphasis is likely to be on developing the country's manufacturing capability, setting up major industrial projects and increasing agricultural output

Saudi Arabia's next development plan, 1980-85, will

be a much more sophisticated document than the rather piecemeal

Development plan

surprising that a country with real growth of GDP targets have are planned for both complexes, may be possible to develop on the way to urbanisation. such a vigorous and unfettered been exceeded in 1976-77 GDP where the infrastructure is now Jubail and Yenbo with only private sector as Saudi Arabia per cent. Even more impressive going ahead with projects are labour force and possibly no augment it in the future some should attach so much im- was the performance of the partly the result of uncertainty increase at all. Much can be portance to planning and its five- non-oil sector, which in the in the Government as to what it achieved by making increased formed. The image in the mind year development plans,

set them against present and and in the same period 150 more tariff barriers being erected. proposed port capacity. The primary schools were built than infrastructure was given less the 450 laid down in the plan. emphasis than was investment in In some places schools have Cautious productive assets, whose estab- been built in expatriate neigh-

each sector is seen in relation

To some extent this was due to Saudi schools anyway.

Planners

ABAHSAIN have gained leading positions throughout

BYRON JACKSON PUMPS

NIPPON STEEL CORPORATION

HUDSON ITALIANA

MUELLER COMPANY

JEDDAH - P.O. BOX 1300

AND OTHERS

ALCOA INTERNATIONAL INC.,

MITSUBISHI HEAVY INDUSTRIES

HUDSON PRODUCTS - USA

ROTORK CONTROLS LTD.,

IN CONSTRUCTION: ABAHSAIN engage in major road projects, water, gas and oil pipeline contracts,

To meet the challenges of Saudi Arabia's accelerated development ABAHSAIN walcomes Joint Ventures and

ELECTRICAL ENERGY EQUIPMENT, OILFIELD EQUIPMENT, PETROCHEMICALS, HEAVY CONSTRUCTION MACHINERY, DESALINATION, ELECTRICAL AND MECHANICAL CONTRACTING

SAUDI ARABIA'S PROGRESS CAN BE YOUR COMPANY'S FUTURE -

SALEH & ABDUL AZIZ ABAHSAIN CO. INC.

AL-KHOBAR - P.C. BOX 209

TEL: 42025 - 42026

TLX: 67026 BAHSAIN SJ

ABAHSAIN

TEL: 3434F

offshore maintenance, marino engineering and ocean develope

TADANO CRANES.

Government can already claim doing design engineering work over the enormous country.

ear development plans, second year of the plan achieved wants (against a background of use of highly productive labour of the Government planners is

In fact, planning is virtually 18.6 per cent. growth compared changes in industrialisation— such as Koreans or of a state gradually moving seential in Saudia Arable with the target of 13.4 per cent; plans by Saudi Arabia's Gulf Taiwanese— whose output may from dependence on oil revenue that the success that the primary possible. because Government spending this suggests that the private neighbours) and hesitancy on be several times that of other accounts for about 75 per cent. sector has been more dynamic the part of the technical workers. If extra workers are stream petrochemical industries, of GDP, though the Kingdom than the Government expected, partners, since the Kingdom needed they can be imported while the bulk of the Kingdom's of GDP, though the Kingdom that the Government expected, wants them to put up 15 per directly into Jubail and Yenbo is very different from other. The Government has over, wants them to put up 15 per directly into Jubail and Yenbo centrally planned economies, come the major bottlenecks in of equity and to handle market. Planning has so far been a way the economy, notably the ports, ing. The main problem, as the of stating priorities and which has had the effect of redesirable objectives. The current ducing inflation and pressure higher cost of building and \$142bn. Second Five-Year Plan on the economy. Now all the operating a plant in the nonis — as its authors admit — major infrastructure projects operating a plant in the non- than the present one. more a list of intentions than a in the plan are at different industrial environment and the planners believe that the proton section of extreme climatic atmosphere of tial may have been underesti- western minds; the creation of industrial environment and the planners believe that the poten-become-may seem strange to Saudi Arabia. The problem of mated in the first plan, though a rather more efficient economy In the social sector plan marketing the output is less dif- a complete hydrological survey without much of the social disothers.

Implementation has been un-ficult, it is thought, provided the still needs to be completed ruption that had been feared A good example of this even, with overachievement in price is right, and provided before major investment decimakes this goal more attainable; piecemeal approach is the fact some areas and underachieve- there are no complaints from sions can be made. Agricultural the major question is whether that in the current plan no real ment in others. For example, the western countries—the development will be aimed not the western technical partners, attempt was made to add up the more secondary schools were main market—that the Saudi only at raising food production no doubt encouraged by the

lishment could only take place bourhoods whose residents The Government is still after that of the infrastructure would not send their children cautious about the viability of to the inadequate machinery and
The State housing programme why it wants the technical manpower available at the time is only now getting underway partners to take an equity for drawing up plans, and to the on a large scale, a year and a stake (the other reason is difficulty in the hectic days of half behind schedule. But the because they are essential for 1974 and 1975 of ordering problem has been partially the marketing operation) and priorities in economic develop solved by the private sector why it wants the Saudi comment. It was also due to the which, financed by the Real mercial banks to put up about sheer lack of information about Estate Development Fund, pro- one-tenth of the capital for each the economy, a result of poor duced 100,000 housing units in project. "They will assess the economic and financial report two years—against its target of projects again and will only ing, and to the novel economic 122,000 for the full five years come in if they judge them situation Saudi Arabia was But because these are for high viable," says the Deputy Planso far only been nibbled at. not to build white elephants

Development has been more and not to build for prestige." The next plan, covering the sluggish on the State industrial All the signs indicate that as years 1980-85, promises to be a projects to which Saudi Arabia these vast projects get under far more sophisticated affair, is looking to provide revenues way the Saudi economy will Saudi planners are already for the future. The schedules on continue to grow rapidly in the working on it and will be able such projects were always tenta- next five or seven years, and to draw both o ngreater experi- tive, but even so building work at the cost of less economic ence and on deeper knowledge has begun on none of them, strain than has been felt so of the economy. A firm of Bri- Plans for a steel industry have far. Social strains have been tish consultants—Coopers and been progressively scaled down far less than predicted: one of Lybrand—is building a model so that as at present conceived the achievements of the past of the economy which will en- its output would only be for three years is the way in which able good input/output calcula- local consumption, while the highly diverse labour forces tions to be made and thus give proposed aluminium smelter is -drawn from countries as difthe plan a more precise and in- being given little urgency. On ferent as the U.S. and South tegrated structure. Already it is the other hand the Saudi Korea—has been absorbed with becoming clear that the main Government, through the Saudi relatively little strain, partly emphasis in the Third Five Arabian Basic Industries Cor. because of the resilience of the Year Development Plan is likely poration (SABIC), is now nego. Saudi social system which reto be on industrial manufactur- trating joint venture agreements veives them and partly because ing, agriculture and services. with Shell for the first petro. of the dilution of labour by Despite the imprecision of the chemical project (an ethane drawing it from many different Second Development Plan the plant) at Jubail. Mobil is also sources and dispersing it all

considerable achievement along on an ethylene facility at Yanbo. Some planners, including Dr.

TO AN outsider it may seem the directions it aims to go. In Other petrochemical plants Faisal Beshir, believe that it settlement as a halfway house domestic labour market.

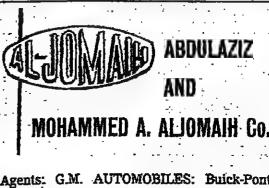
concentrate more on agriculture Islamic industrial state-which imports that would be needed built in the second year of the plants enjoy hidden subsidies; but also at keeping the rural drop in Saudi inflation, can be for each section of the plan and plan than had been intended such complaints could lead to population on the land, though expected to back the concept to many officials believe that the the extent the Saudi Governbedown should continue the ment considers essential.

process, giving up their nomadic life but treating agricultural

From the progress that has

picture of Saudi Arabia can be population is drawn into the try and Government with some bedouin settling in sedentary The next plan is likely to agriculture. The concept of an The is what Saudi Arabla intends to

James Buxton



income families the problem ning Minister, Dr. Faisal of housing poorer families has Beshir. "We are determined and spare parts

> FIAT ALLIS: Heavy Equipment PERKINS: Agricultural Engines Cultivators RANSOMES: M.A.N. Diesel Generators SHELL: Lubricating Oil YOKOHAMA: Tyres and Tubes BAVARIA: Fire Extinguishers

Owners: Pepsi Cola Factory CO2 Factory

I	Consolidated El	iterprises.	Joint Aentu	re with :
Į			International (Companie
l		Riyadh	Dammam -	Jeddal
I	P.O. Box:	132	224	46
ŀ	Telephone:	35033	23740	2370
I	Telephone: Telex:	20023	60054	40147

10.75 SECTIONS 2 3 BISHA AIFFOR gew paralog to

Concrete aprilia TAIF-JIZAN RE ALDOUR ATES gi<mark>lder</mark> in to be the or mbou bet being complete AFL 5 build:32: 7: W. -

HV and LV the 10000 Bit Sailors any personnel : BADANA VINE lead-in factorial arpent and portion Al Josef Aliro en lacinding one has IN JIZAN AIR POST buildings, program

the and to the the cantonmen: AL WEDJH ATT 1035 TOC. 6) MIN AIRPOR enmeter mai a BADANA PARA AND INCHESTAL

A MUF PAR. lect abver-MOUNA HELIF lighting and Passi MMISTRY OF H AL KHARJ ALE

ipron. lead-in tai JEAN ATRACKT Application of the state of the WEDUR AIR Project Section 2011



PPROVED UST

Towns Telling

BINLADEN BROTHERS

for Contracting & Industry

Employies a Saudi Arabian company engaged in all types of civil Lieute is a Saudi Arabian company engaged in an types of the said mechanical construction. Major turnkey projects executed the establishment of the company in 1972 include air-lieute ports, roads, bridges and utility buildings.

The company is geared to meet operating conditions the company is geared to meet operating conditions (child throughout Saudi Arabia, and is supported by a substantial throughout Saudi Arabia, and is supported by a substantial throughout Saudi Arabia. Phroughout Saunt Arana, and is supported by spread of wholly-owned equipment In addition, BINLADEN BROTHERS produces and markets a comprehensive range of construction supplies and services through in-Kingdom subin sidiary and associate companies.

BINLADEN BROTHERS has formed joint venture companies with partners providing technological and management apability beneficial to the development of the Kingdom's nfrastructure. It is BINLADEN BROTHERS' policy to seek a majority holding in such ventures, which are all carefully studied for compatibility and viability in the long term.

The company owes its success to the highly professional ananagement of its resources, coupled with integrity and singleninded dedication to the interests of Saudi Arabia. Total-work executed by the company since its inception in 1972 to end

The Brothers Binladen

The name Binladen became closely associated with major Sovernment construction projects in Saudi Arabia during the letime of Mohammed Binladen. The Organization he created was among the largest of its kind in the Middle East, and was intrusted with the most important civil engineering projects if its day.

The well-integrated complex of specialized operating units

The well-integrated complex or specialized today keeps the reated and grouped together by his sons today keeps the reated and grouped together of both public and private sectors of the construction industry in Saudi Arabia. $= -\frac{1}{2} (1/\sqrt{2}) g_{\mu\nu}$

RESOURCES BINLADEN BROTHERS owns and operates

of streets 10-1-12 By Our Force

Rigal

أيرز لاؤه

👵 😑 🧓 quipment

laintenance reilities

leet of

ate awarded

. ____lugust 1972

.. 🎠 lay 1973

and 1973

100

100

ा 🕾 भिष्युष्य**र्थ 1973**

€ August 1974

\ugust 1975

anuary 1976

february 1976

enuary 1976

Petober 1977

ings. above)

ject, above).

SR 67 million. The company purchases direct from quality manufacturers and runs stringent programme of preventive maintenance. Complete repair and maintenance facilities are established on-site for each of the company's projects. These are supported by the principal maintenance base in Jeddah which keeps continuous radio contact with the company's camps Kingdom-wide Urgently needed spares, as well as materials and personnel, can be flown to site in a matter of hours aboard one of the company's fleet of five aircraft.

TAIR-JIZAN ROAD (Road 54 Section 5)

including one hangar for aircraft maintenance).

perimeter road around Jizan Airport.

lighting and passenger elevators.

for the Ministry of Hajj in Riyadh.

and a desalination plant.

facilities with associated utility services.

a comprehensive spread of plant for earth-

moving, asphalting and concrete works. The

value of equipment active on sites throughout

the Kingdom as at mid-1977 amounted to

To further facilitate the considerable movement of its personnel both within and outside the Kingdom, BINLADEN BROTHERS holds a controlling interest in a travel agency, Samara Travel

International network of

In addition to its offices in Riyadh and the Eastern Province, BINLADEN BROTHERS has branches in Dubai, Amman, Cairo, Beirut, Lordon and Houston. Collectively, these serve as centres for liaison with suppliers and manufacturers, and for recruitment.

BINLADEN AVIATION (BA)

BA is a semi-autonomous division of BINLADEN BROTHERS which operates the company's fleet of jet and turbo-prop aircraft, and provides maintenance support at its whollyowned Jeddah facility. BA has undergone rapid expansion in recent years to meet the growth in the fleet from two in 1973 to seven in 1978, and today offers technical services to other private operators in the Kingdom.

ARABIAN AERO SURVEYS COMPANY (AASC)

A joint venture with Hunting Surveys Ltd. (UK), AASC offers a full range of survey services including aerial photography and cartography. The company supports BINLADEN BROTHERS airport and road construction projects, and is expected to play an important role in the continuing development of Saudi Arabia's infrastructure and the exploitation of the country's vast mineral resources.

BINLADEN BROTHERS CAPABILITY

BINLADEN BROTHERS has progressively extended its project capability by forming joint venture companies and ongoing associations with construction and engineering organizations of international standing. Supported by the substantial resources and expertise this network commands, BINLADEN BROTHERS can confidently address any construction assignment Saudi Arabia may require, regardless of its size, location or complexity.

Al Mihdar BINLADEN Development Company

(MBDC) offers a consultancy service to companies seeking entry into the Saudi Arabian market, particularly in the construction field. The company has identified and studied a number of potential joint venture arrangements on behalf of BINLADEN BROTHERS, and has been active in their implementation.

Contract

Date of

October 1973

November 1975

January 1976

July 1977

March 1977

value (SR) Completion

65 million July 1976

PROJECT MANAGEMENT BINLADEN-Kaiser (BK)

Kaiser Engineers is one of the world's largest engineering and construction organizations. It provides a complete range of planning, engineering and construction services to governments and industry; and it has won world-wide recognition for its expertise in the design and construction of plants for aluminium, steel and cement, of facilities for mining and mineral processing, of power plants and transportation systems. Through this limited company in which BINLADEN BROTHERS has a majority holding, both partners seek to participate in the large-scale industrial projects planned for the Kingdom. It is BK's ultimate aim to transfer industrial technology to an indigenous staff organization.

REAL ESTATE DEVELOPMENT & HOUSING BINLADEN-Kaiser-Losinger (BKL)

BINLADEN BROTHERS entered the field of real estate development in 1975 with the turnkey construction of a selfsufficient compound of 64 luxury units undertaken by BINLADEN-Kaiser and Losinger Ltd., Switzerland's largest civil construction company, as an ad hoe joint venture.

BUILDINGS & SPECIALIZED STRUCTURES BINLADEN-EMCO (BEMCO)

BINLADEN BROTHERS partner in BEMCO pioneered the introduction of pre-stressed, reinforced, pre-cast concrete systems to the Arab World in 1960. BEMCO's turnkey contracting capability covers the design and construction of high-rise residential buildings, commercial centres, housing complexes and such public utilities as mosques, government office blocks, hospitals, hotels and sports stadia. The operational experience harnessed by the company guarantees ontime completion of any project requiring specialized concrete

PREFABRICATION

The diversified construction interests of BINLADEN BROTHERS include a substantial holding in Al Fadi-BINLADEN J&P (AB J&P), a Saudi Arabian company which specializes in the manufacture and erection of low-cost prefabricated structures. It has successfully introduced into the Kingdom the modular system developed by the pre-fabrication division of the multi-national Cyprus-based J&P corporation. With its own fully independent factory in Jeddah for the production of components, plus in-house electrical and plumbing capability, AB J&P guarantees rapid erection, economy and a wide choice of finishes and fittings. Projects executed Kingdom-wide include accommodation camps, offices, school buildings, showrooms and hotel extensions.

ELECTRO-MECHANICAL ENGINEERING & SUPPLY BINLADEN-Saxsons Electro-mechanical Company (BSEM)

BSEM is a joint venture company formed between BINLADEN BROTHERS and Saxsons Climate Condition Co., one of the most experienced firms of electro-mechanical engineers in the Middle East. The BSEM team of 20 graduate engineers is supported by a staff of over 130 specialized technicians and administrative personnel. Headquartered in Jeddah, the company has a self-sufficient complex comprising stores, accommodation facilities and workshops which are duplicated in Alkhobar. A Riyadh liaison office rounds out BSEM's Kingdomwide service capability, which covers the study, design, supply, engineering and maintenance of large-scale turnkey electro-mechanical installations.

BSEM has the exclusive distributorship in Saudi Arabia for Trane Company (USA), one of the world's leading manufacturers of air conditioning equipment. The company also has distributorship arrangements in the Kingdom for KeepRite window-type room units, Remington floor-type incremental units; Baltimore air coils, Powers regulators and Kone-Westinghouse elevators.

Within its first year of operation, BSEM turned over more than SR 50 million: as at end 1977, work under execution exceeded SR 150 million. Among the varied projects to which the company has contributed are the airports serving Al Jouf, Wedju, Badana and Jizan; and the ITT telex exchange buildings in Jeddah, Riyadh, Alkhobar, Dammam, Taif, Mecca, Medina and Oatlf.

TELECOMMUNICATION ENGINEERING & SUPPLY

The telecommunication arm of BINLADEN BROTHERS is BINLADEN Telecommunications Company (BTC). Through selective representations, its supply and installation capability ranges from small key systems through 7,000-line electronic and digital PABX's to power and telecommunication cabling of technologically advanced design. Principal among BTC's exclusive representations in Saudi Arabia are Bell Canada and its manufacturing affiliate Northern Telecom, which together provide 80 per cent. of Canada's telecommunication companies, and those of Bell-Northern Research Centre in Ottawa, BTC is well placed to participate with other BINLADEN BROTHERS operating units in the implementation of large Government telecommunication schemes. Among the major projects to which BTC has already contributed are New Jeddah International Airport (microwave, radio and 1,000-line telephone switching); King Abdul Aziz University (radio and 1,000-line telephone switching); and Islamic Jeddah Seaport (radio and 3,000-line telephone switching).

After-sales servicing and maintenance support are provided by factory-trained engineers at BTC's offices in Jeddah, Riyadh and the Eastern Province.

TRAFFIC ENGINEERING Saudi Traffic Safety (STS).

BINLADEN BROTHERS partner in Saudi Traffic Safety (STS) is the world's largest highway marking company. Pioneers in traffic engineering for over 25 years, Prismo Universal have developed an outstanding range of techniques and materials through which STS seeks to promote safety on the roads of Saudi Arabia.

SUPPORT INDUSTRIES

To ensure the continuous availability of basic construction supplies in Saudi Arabia, BINLADEN BROTHERS has developed a wide range of support industries, notably in the Jeddah area. Besides satisfying the requirements of BINLADEN BROTHERS projects, these industries generate a surplus which is sold on the open market. In nearly all cases, they have been pioneering ventures for the Kingdom. BINLADEN BROTHERS has approved plans to establish a central industrial estate at Kilo 18 on the Jeddah-Mecca Road where the majority of these industries are to be relocated by

BRICK MANUFACTURE

The BINLADEN BROTHERS brick factory, the first of its kind to be established in Saudi Arabia, is located to the east of Medina near abundant supplies of prime clay and sand. Its annual capacity is 11 million units on a single-shift basis. Output comprises a range of kiln-fired hollow bricks in addition to heavy duty solid bricks and concrete bricks for decorative purposes.

The quality of the product, claimed to be the highest in the Kingdom, is attributable to a number of factors: the use of the finest raw materials; the company's long experience in the field; the rigid control exercised at all stages of production from clay vibration to kiln firing; and the efficiently-run semi-automatic plant, owned and managed entirely by BINLADEN BROTHERS.

BINLADEN BROTHERS aluminium factory

located at the company's industrial site near Jeddah, manufactures anodized aluminium doors and windows to British Standard Specifications under licence to Crittall Windows Ltd. (UK). The modern 2,500 square metres factory, the first of its kind in the Kingdom to be geared to mass production, has a capacity of 85,000 square metres a year on a three-shift

AGGREGATE PRODUCTION

The BINLADEN BROTHERS aggregate division is the largest in the Middle-East Its wholly-owned resources include six complete crusher sets with capacities ranging from 200 tons/ hour to 350 tons/hour, a fleet of transporters, water tankers and trucks, and a spares and maintenance department for technical support. The division's operational experience in many parts of the Kingdom facilitates the smoothly coordinated mobilization of these resources in locations determined by thorough site investigation and laboratory analysis.

READY MIX CONCRETE PRODUCTION

BINLADEN BROTHERS has a major shareholding in Ready Mix Saudi Ltd. (RMS), a joint venture with Redland Ready Mix, one of the UK's major producers of ready-mix concrete. RMS pioneered the introduction of ready-mix concrete on a commercial basis in Saudi Arabia. Delivery to site as required of concrete to controlled specifications and of guaranteed strength won the instant approval of contractors. The RMS service helps maintain project performance in the face of spiralling costs, demanding completion targets and skilled labour shortages.

The company's fleet of vehicles deliver to both large and small contractors within a fifteen kilometre radius of the Jeddah-based RMS plants. A Schwing concrete pump with a 50m3/hour capacity supplements the fleet for deliveries where access is difficult

DOORS AND PARTITIONS

In a joint venture with Bruynzeel (Holland), BINLADEN BROTHERS will produce quality wood doors, kitchen units and internal partitions in a factory located near Jeddah. The factory will be the largest of its kind in the Kingdom with an annual single-shift capacity of 200,000 doors.

SCAFFOLDING FABRICATION

BINLADEN BROTHERS has a controlling interest in the National Scaffolding Company (NSC), a Saudi Arabian company formed jointly with Tower Al Futeim Scaffolding (UK). The carefully studied venture will be the first in the Kingdom to supply locally finished scaffolding elements from its factory near Jeddah, where start-up is programmed for 1978.

PERLITE SUPPLY Through Saudi Perlite Company (SPC), a joint venture in which BINLADEN BROTHERS has the majority holding, the benefits of perlite are to be introduced into Saudi Arabia. BLB's partner in this venture owns the largest perlite mines in Europe, a guarantee of continuous supply.

This naturally occurring mineral, once treated under high temperature, provides the cheapest form of insulation known. In addition to its immense value to the Kingdom's construction industry, processed perlite has important applications in unrelated fields such as agriculture and pollution control. Marketing of imported ready-processed perlite began end 1977, and SPC plans to meet the demand that the introduction of this remarkable product has created by establishing its own plant in the Kingdom by end 1978.

TRADING

The trading arm of BINLADEN BROTHERS developed out of the company's requirement for large quantities of construction elements and materials. The division supplies the parent company and its affiliates and subsidiaries, in addition to the open market

Availability of stock for on-the-spot inspection and immediate supply, together with installation capability and maintenance back-up, have found a ready market for the BLB trading division among clients who have traditionally been obliged to deal with remote suppliers.

Where viable, the exclusive agency agreements formed with principals can lead to joint venture arrangements for the in-Kingdom manufacture of these products under licence.

BINLADEN BROTHERS imports structural steel elements

under an exclusive agency agreement with Varco Pruden (USA) and undertakes the erection of warehouses, factories, maintenance facilities and buildings throughout the Kingdom. In 1976, BINLADEN BROTHERS supplied elements covering a total of 100,000m'; by 1979, it is expected that the annual total will exceed 200,000m'.

FENCING

BINLADEN BROTHERS has the exclusive agency in Saudi Arabia (or Heras Hekwerk (Holland), manufacturers of a range of fencing materials. Major supply and erection contracts that have been carried out with Heras products include fencing for airport perimeters, industrial complexes and

SUSPENDED CEILINGS

As exclusive agents in Saudi Arabia for Alphacoustic (France), BINLADEN BROTHERS stocks, supplies and fits a wide selection of quality suspended ceilings.

FURNITURE

Turnkey projects undertaken by BINLADEN BROTHERS involving the supply of furniture led to an exclusive agency agreement for Saudi Arabia with Pander Projects (Holland). A company active world-wide, Pander designs and manufactures standard and luxury furniture for numerous applications, including offices, official residences and public utilities such as airports and hotels.



:IYADH:

'OB 195, Riyadh. 'elex: 201104 BINRIAD SJ 'elephone: (011) 61427, 61428

MAJORAC 'OB 58, Dammam 'elephone: (031) 24070.

MMAN: OB 5181, Amman, ordan. 'elex: 1207 JORHTL JO 1267 JORHTL JO elephone: 41620.

OB 1555, Dubai. 'elex: 5991 BINLADEN DB 'elephone: 21516, 27726, 27632.

9, Arab League Building, Cairo. 'elephone: 708634, 707252.

BEIRUT: POB 113-5013, Beirut, Lebanon Cables: RAYPAR Telex: 21692 RAYCO LE Telephone: 346662.

CONTRACTS AWARDED TO BINLADEN BROTHERS

Tebruary 1972 JIZAN AIRPORT PAVEMENTS Construction of a new 19,000 ft, runway and 42 million October 1973

SECTIONS 2 & 4, JIZAN-TAIF ROAD Construction of retaining walls and 14 million rip-rap stone setting. (Subcontract to BINLADEN ORGANIZATION).

BISHA AIRPORT PAVEMENTS Reconstruction of main 10,000 ft. runway: 55 million

BADANA AIRPORT Phase I Construction of 10,000 ft. main runway, one 95 million July 1975

JIZAN AIRPORT PERIMETER ROAD Construction of an 8.5 kilometre 6.8 million November 1976

Project requirement

parallel 10,000 ft. taxiway; three lead-in taxiways, high-speed turn-off and two

new parallel taxiway; five lead-in taxiways, one high-speed turn-off; four concrete aprons, four sircraft shelters; all related civil works and roadworks.

AL JOUF AIRPORT (Phases I & II) Construction of a completely operational

airport comprising 14,000 ft. main runway, with lead-in taxiway, concrete aprons,

airport perimeter road and fence, approach road and airport road system; complete AFL system; terminal building covering 3,600m2; fire and rescue

building; power house containing three 360 KVA generators, complete with HV and LV distribution systems to the airport; water supply building and

100,000 gallon reservoir, six houses, office block, military out-structures for

lead-in taxiway, two concrete aprons, complete AFL system, access roads to airport and perimeter fence. Phase II (similar to the civil specifications of Al Jouf Airport project above, excluding the military out-structures but have the project above.

February 1975. JIZAN AIRPORT BUILDINGS (Phase I) Construction of terminal and cargo 25 million

with two lead-in taxiways and airport drainage works; complete AFL system.

apron, lead-in taxiway, airport drainage and perimeter fence. This project

passenger facilities with associated utility services; construction of a mosque

was successfully completed within the contractual period of eight months.

buildings, power house structure, water supply building and pump installation, fire and rescue building, meteorological building and guard house and military

AL WEDJE AIRPORT BUILDINGS (Phase I) (Similar to Jizan Airport Build- 25 million

BADANA PARALLEL TAXIWAY Construction of a 10,000 ft. parallel taxiway, 31 million

AL JOUF PARALLEL TAXIWAY (Similar to Badana Parallel Taxiway pro- 25 million

MOUNA HELIPORTS Construction of 14 elevated heliports complete with 18 million

MINISTRY OF HAJJ BUILDING Construction of a ten-storey office building 70 million

December 1977 JIZAN AIRPORT BUILDINGS (Phase II) Extension of buildings and passenger 66.5 million June 1979

UNDER CONSTRUCTION

AL KHARJ AIRPORT Construction of a complete airport including runway 62.5 million April 1978

WEDJH AIRPORT BUILDINGS (Phase II) Extension of buildings and 63.5 million June 1979

sixty personnel and three hangars for light aircraft maintenance .

concrete aprons; complete AFL system and all related civi

LONDON: BINLADEN LONDON LTD. Suite 2. 140, Park Lane, London WIY 3AA Telephone: 01-493 0522/3 Telex: 299971 BINLON G 269885 SALIAN G

HOUSTON: Suite 1109, Fannin Bank Building. Houston, Texas. Telex: 774552 BINBROS HOUS 775858 EXECJET HOUS Telephone: (713) 795-0004.

ARABIAN AERO SURVEYS. POB 6079, Riyadh, Saudi Arabia. Telex: 201125. Telephone: 65410,

Al Fadi-Binladen J&P (AB J&P) POB 5028, Jeddah. Cables: JAYLADCO JEDDAH. Telex: 401116 BAKHSH SJ. Telephone: (021) 51249. BINLADEN Aviation

POB 2734, Jeddah. Cables: LADENCO JEDDAH. Telex: 401044 BINLDN SJ **401071 BINBRS SJ** Telephone: (021) 74664.

BINLADEN-EMCO (BEMCO) Head office: POB 105, Riyadh. Telex: 201104 BINRIAD SJ. Telephone: (011) 63362. Jeddah branch: (care of BINLADEN BROTHERS)

BEIRUT BRANCH POB 113-5013, Beirut, Lebanon Cables: RAYPAR Telex: 21692 RAYCO LE Telephone: 346662.

BINLADEN-Kaiser (BK) POB 2734, Jeddah. Cables: LADENCO JEDDAH. Telex: 401071 BINBRS SJ 401044 BINLDN SJ Telephone: (021) 51512.

AL MIHDAR BINLADEN Development Co. (MBDC) POB 4445, Jeddah. Telephone: 74791, 73403

Co. (BSEM) Head office: 1 13 3143, Jeddah. Cables: BINSAXSONS JEDDAH Telex: 401071 BINBRS SJ 401044 BINLDN SJ Telephone: (office) (021) 36873, 35705 (workshop) (021) 21843

BINLADEN-Saxsons Electro-mechanical

ALKHOBAR: POB 54, Alkhobar, Saudi Arabia. Telex: (as Jeddah) Telephone: (031) 41933. BINLADEN Telecommunication Co. (BTC) POB 6045, Jeddah. Cables: LADENCO JEDDAH Telex: 401071 BINBRS SJ Telephone: (021) 52041, 55186.

BINLADEN Trading POB 2742, Jeddah. Cables: LADENCO JEDDAH Telex: 401071 BINBRS SJ 401044 BINLDN SJ Telephone: (021) 34543

READY MIX SAUDI (RMS) POB 5948, Jeddah. Telex: (care of BINLADEN BROTHERS) Telephone: (021) 55161/2/3,

SAMARA TRAVEL

SAUDI TRAFFIC SAFETY (STS) POB 105, Riyadh. Telex: 201104 BINRIAD SJ Telephone: (011) 33676.

As well as oil, Saudi Arabia is sitting on enormous reserves of natural gas. It is hoped to use these both for export and to fuel industrial installations at Jubail and Yanbo, but the Government has still to make up its mind about the scale of these projects.

Gas gathering

NOT CONTENT with being the Some is used for reinjection One more stream is to come, tional number of uncertainties Redec-Dailim (South Korean), moved to fractionation plants at world's largest exporter of into oilfields, some for local of ethane to Ras Tanura. Later, have been introduced. First, Foster-Wheeler (U.S.) and Ju'aymah to produce propage, world's largest exporter of the underest for the under an expanded programme the Government has not yet Arinco and Safami, two Saudi-butane and natural gasoline for embarked on an ambitious pro- Saudi Cement Company plant at of throughput from additional decided on the full scale of the based companies, now stands exports and the ethane would embarked on an ambitious pro- Saudi Cement Company plant at of throughput from the ethane would ject which should earn it the Hofuf. Other gas is gathered fields—Qatif, Khursaniya, Fadili industrial projects at Jubail and to have built beside the existing be pumped to Jubail for feedsame role in natural gas liquids into a collection centre at and Abu Hadriya - it will Yanbo which would be using the (NGL). Aramco is supervising Abqaiq where it is separated increase its handling to 80,000 gas gathered for fuel. Second. (NGL). Arameo is supervising Abqaiq where it is separated increase its handling to \$0.000 gas gathered for fuel. Second, a gas-gathering project—one of into NGL and pumped to the bdd. According to the Nicosiatitis not firmly established what the largest industrial enter-fractionation and treating plant prises in the world ever taken at Ras Tanura, and into methane Survey (MEES) Aramco's production capation and treating plant based Middle East Economic long-term oil production capation and treating plant based Middle East Economic long-term oil production capation and treating plant based Middle East Economic long-term oil production capation and Shedgum 5.5hn. cfd of associated gas but city level the Government (both on the Ghawar field) and at present only 4bn. cfd could be used by the mid-1980s the aim is that fertiliser plant and industrial of 300,000 b/d—was divided cent. ceiling on Aramco's off-at Khurais and Abqaiq have of residual gas would be used. Saudi Arabia should not only be facilities at the Ras Tanura re- between 125,000 b/d propane, take of light Arabian crude is providing exports, but also fuel- finery. ling its industrial areas in In 1976 Aramco produced Jubail on the Gulf and—linked 67.6m. barrels of NGL (184,776 by a 1.270 km pipeline being barrels/day) and the capacity Changes

Aranco already has a gas-Tanura and the other high gathering system drawing on its quality residual gas to be used operations in southern oil fields. as an industrial fuel.

by a 1.270 km pipeline being barrels/day) and the capacity of its facilities now stands at its counterpart at Yanbo on the Red Sea.

barrels/day) and the capacity of its facilities now stands at 320,000 b/d with exports The major gas-gathering pro-amounting to between 200,000 ject has undergone some considerable cost changes since its increase.

90,000 b/d butane, and 85,000 maintained b/d natural gasoline.

Khuff limestone of the Permian separates the gas into two level of 12m. 0/0) and also era underneath Dhahran. streams—one NGL for Ras from the addition of the Yanbo fractionation plant and the two level of 12m. b/d) and also gas reserves. fractionation plant and the for whom the main contractors tries, notably at Dammam and trans-peninsular pipeline.

(as announced the levels of oil production, for in broad terms lighter crudes produce more gas per barrel

than other grades. Saudi Arabia's gas reserves and 250,000 b/d. The increase siderable cost changes since, in Fourth, there has been some ing of the gas plant at reckoned, as schedules slip by at the beginning of this year, comes as a result of a new NGL May 1974, Petromin, the State change in the size of operations. Uthmaniya has reached the reflecting changes in official at the beginning of this year, comes as a result of a new Note of and mineral resources Originally, the project was to stage of the site levelling and assessments of oil production according to the Oil and Gas construction and processing or oil production. State of the Oil and Gas construction and processing or oil production. Journal, were \$5.000bn, cubic plant at Berri coming on stream organisation, first decided to collect all the gases of major at the Yaubo distillation plant levels and the demands of potential and the demands of the demands of potential and the demands of the demands feet. Saudi Arabia produces last October. Its principal con- conduct studies on it (under fields, but now production from site levelling is to begin in the levels and the demands or potential almost exclusively gas asso- structor was Fluor. This treats taken by Texas Eastern Trans- the northern offshore fields of middle of 1978. They are both whole mammoth project could ciated with crude oil, and high-pressure gas from a gas-oil mission Co. of Houston). Safaniyeh, Marjan and Zuluf expected to be in operation at be as high as \$20bn. Arango therefore its production levels separator plant and is designed Originally projected to cost has been postponed indefinitely. the end of 1982. reflect closely those of oil to recover 52,000 b/d of NGL S5bn. it was revised upwards This is partly because offshore About three-quarters of its from a gas throughput of at the end of 1975 to \$10bn, and production would be more project, after the separation of production until recently has 600m, cubic feet/day. Initially then again to \$18bn, in 1976, costly (up to \$6bn, for the three the NGL and desulphurisation, always been flared off. Aramco its production was in the range This was partly as a result of fields, according to sources in the gas is to undergo compreshas two limited natural gas of 400m. cfd (reflecting a crude raising capacity from 3.5bn, cfd Aramco) and because product sion and partial fractionation fields in the Kidan field beneath oil production of between of associated gas input to 5.5bn. tion from these fields would to produce a dry gas stream and the Rub al-Khall (the Empty 900,000 and Im. b/d from the cfd (or to gas quantities pro-represent in any case only a wet liquid gas stream. The Quarter) and a small deposit in Berri field). Initially it duced from an oil production between 10 and 15 per cent of former (methane) is to be used

aus-peninsular pipeline. are Fluor, Bechtel and Ralph Jubail. The wet stream an Since then, however, an addi- M. Parsons and sub-contractors NGL plus ethane—is to be

Aramen system new NGL pro- stock

been indefinitely postponed. carlier this month), there will pleted plant at Berri, the continuous and the same quantity for have to be further variants on Shedum and distillation and flaring. It is also to produce 400

In the operation of the as fuel and feedstock by Aramco In broad terms, the project, and by the petrochemical indus-

for industrial fuel, while 750m, At present, besides the com-Shedgum and distillation and b/d of ethane, 650,000 b/d of export plants at Ju aymah is NGL and 4,000 tons/day of expected to be completed in sulphur (all below the original 1980, for operation in the estimates for the final producmiddle of that year. The build- tion). However, it is still expects a final decision within

Anthony McDermott

ISLAMIC CALENDAR

This is based on the Hijrah, the migration of Prophet Mohammed from Mecca to Medins which took place on July 16, 622 AD, which is year one in the Islamic Calendar. It is the official Calendar in Saudi Arabia. The Calendar is lunar, and each year has 354 or 355 days, the extra day being interculated 11 times every 30 years.

There are twelve months: 30 days 8. Shaaban 29 days 30 days 30 days 9. Ramadan 29 days 16. Shawwai 29 days 4. Rabia II 11. Dhu'lQa'da 30 days 30 days 5. Jumada Y 12. Dhu'l-Hijja

The Hijrl year begins on the day of the month indicated

February 27 February 16 February 4 January 25 January 14 January 3

Festival dates are determined by the moon, and there are many local differences. It is therefore advisable to avoid them (especially Id al-Fitr) by some days both before and

Moulid al-Nabi (Prophet's birthday) Leilat al-Miraj (Ascension) Ramadan begins Id al-Fitz (end of Ramadan) National Holiday Id al-Adha (Feast of the Sacrifice) 1st Muharram Ashoura

July 3" August 4 September 4-7 September 12 November 11-14 December 1

FINANCIAL YEAR

This is of 12 months duration, but begins in Rejate the seventh mouth of the lunar Hijri year. Thus, the year 1396-97 lasted from June 28, 1976, until June 17, 1977, and the year 1397-98 will last from June 18, 1977 to June 7, 1978.

Refineries, petrochemical projects, cement factories, aluminium smelter, fertiliser plants and an iron and steel complex are some of the public sector projects under consideration or being implemented. The private sector is also active, especially in joint ventures with foreign companies.

What makes two into one?



The Arab world is the richer for a new and powerful bank, the Albank Alsaudi Alhollandi. As the name suggests the Saudis and the Dutch have joined forces to create a new bank. This marriage of Dutch international banking expertise and Arab wisdom and influence promises to bring many benefits to Saudi Arabia.

The Dutch partner in the new bank is Algemene Bank Nederland which has been in business for 150 years and has already been established in Saudi Arabia for 50 years. In addition, the ABN-Bank has vast know-how throughout its offices in 40 countries on the five continents.

To this fund of banking knowledge Saudi Arabia now adds its potential and its Arab influence, together with the value of local Arab involvement that offers so much to the international businessmen.

The banking skills and financial influence that make up the. Albank Alsaudi Alhollandi introduce to the Middle East a truly modern bank of international strength and sophisticated facilities.

Heavy industry

the country and the most mod- for trucks with Mercedes Benz. equal- joint venture partners,

ern in the Middle East. "It really is like a dream come true. When I came here in 1958 there was nothing but desert. When we went into production in the 1960s I never thought we would have all this," he said, pointing to a plan of the integrated computer control system.

The SR600m. investment in the latest West German equipment means that one man in the cool gleaming computer room will be able to monitor trol the entire operation, from the limestone quarrying to loading trucks or trains with bagged cement. The plant will soon produce 4,500 tons a day, equivalent to 1.4m. tons a year, which is twice the combined production of the two existing plants at Jeddah and Riyadh.

Al Hofuf is a dream turned to reality, but industry elsewhere in Saudi Arabia remains confined for the most part to plans for the future. The Kingdom is desperately ambitious to build up its heavy industry and is determined to become a major petrochemical producer.

Among projects now at various stages of discussion with different potential technical partners are: an export refixery and petrochemical complex at Yanbo on the Red Sea (Mobil); an export refinery and petrochemical complex at Jubail (Shell); three further petrochemical complexes (Exxon Dow Chemical and Mitsubishi); another refinery (Caltex); two methanol plants; two nitrogenous fertiliser plants; an aluminium smelter; and an iron and steel complex. These projects are divided between SABIC, the Saudi Arabian Basic Industries Corporation and Petromin, the General Organisafor Petroleum

The private sector also has ambitious plans, though entrepreneurs have been slow to move into heavy industry, eschewing huge capital outlays and the longer wait for a return on investment. The Saudi Cement Company anticipates that the Kingdom's 5m. tons consumption of cement last year will rise to 10m. tons by 1980 as indicated in the five year plan. It is setting up a Saudi Bahraini company which will produce 6,000 tons of cement a day at its first stage in 1979, the plant being built north-east of Al Hofuf.

Planned private sector plants which involve such entre preneurs as the Alireza family the Ankari family and Ghaith Pharaon's company, Redec, are

ONE DREAM at least in Sandi mainly joint ventures with Arabia came true last week. The foreign steel companies, includ- Government (which subscribed manager of Al Hofur cement ing Sumitomo and the Canadian the ruli SR10bn; capital to over factory, Mr. Muhamed Hossari, company Costeel. The absence see the development of the who has worked for 20 years for of tariff protection barriers for Kingdom's plans to develop the privately owned Saudi such import-based projects has downstream industries using Cement Company, saw the com- left some proposed ventures hydrocarbon resources. The missioning of the \$170m. ex-somewhat in the air but E. A. corporation started a series of thich makes the plant Juffali and Brothers have built preliminary feasibility

by far the biggest producer in a joint venture assembly plant in co-operation with potential

CONTINUED ON NEXT PAGE.

IN SAUDI ARABIA

For nearly 50 years companies in the Douglas Group have carried out many important construction contracts in the United Kingdomfor public authorities and private clients. They have now extended their operations to the Middle East and are actively engaged in Saudi Arabia and other countries.



R.M. DOUGLAS CONSTRUCTION LTD. in co-operation with OMAR K AL-ESAY OFFICE is building a new headquarters at. Jeddah for the Department of Civil Aviation, illustrated above. This team is available for civil engineering and building contracts, including design and construct contracts, throughout the country.

BRITISH LIFT SLAB LTD's services for multi-storey construction and specialist lifting, using the Lift Slab method, and slipforming using the Siemcrete system. are also in use in the Middle East.

RAPID METAL DEVELOPMENTS LTD. supplies scaffolding and formwork in Saudi Arabia from depots in Jeddah and Riyadh.

Enquiries for any of these services should be addressed to:

Mr. R.B. MORGAN, M.I.C.E., c/o Omar K Al-Esayi Office, P.O. BOX 2837 Alsroor Building, Kilo 1, Mecca Road, Jeddah, Saudi Arabia. Telaphone Jeddan 22698/25408.

Telex 40547 SAIF SJ Or to the United Kingdom head offices of the compan

R.M. DOUGLAS CONSTRUCTION LTD. 395 George Road, Birmingham 823 7RZ. Telephone 021-356 4888. Telex 338399.

BRITISH LIFT SLAB LTD. Lynton House, Lynton Square, Birmingham B42 18H. Telephone 021-356 7271. Telex 338399.

RAPID METAL DEVELOPMENTS LTD.

Stubbers Green Road, Aldridge, West Midlands WS9 88W. Telephone Aldridge 53361.-Telex:338514.

البنات | Albank Alsaudi Alholiandi

The Albank Alsaudi Alhollandi is located in: Saudi-Arabia - Jeddah (headoffice), Charia King Abdul Aziz, P.O. Box 67, telephone 26266, 29455, 29635, telex 40012. Damman, Main Street II, P.O. Box 70, telephone 23212, 23700, 23574, 25529, 25530, 26921, telex 60015. Alkhubar, Prince Nassir Street, P.O. Box 342, telephone 41207, 42544, 42749, telex 60015 (Damman), Riyadh soon to be opened. The ABN network: The Netherlands, Ireland, Great Britain, Belgium, France, Federal Republic of Germany, Switzerland, Gibraltar, Italy, Greece, Turkey (Holantse Bank-Uni), Lebanon, United Arab Emirates, Bahrain, Iran (Mencannile Bank of Iran and Holland, Glakistan, India, Malaysia, Singapore, Indonesia, Hongkong, Japan, Monaco, Algemene Bank Marokko S A. Kenya, U.S.A. Canada, Netherlands Amilles, Supporte Vacannale, Plantar Marine, Opening under the united Bank of Iran Linguist. U.S.A., Canada, Netherlands Antilles, Surne ne, Venezuela, Panama, Australia, Mexico. Operating under the name Hanco Holandes Unido in: Argentina, Uruguay,

CALENDAR

As the world's second biggest oil producer-after Russia-and the largest exporter, Saudi Arabia has a strong voice in the councils of OPEC. It has used this, successfully, to urge moderation in price increases. In the Kingdom itself discovery of new reserves continues to outstrip the physical offtake.

Oil production

role in the Organisation of convincingly denied (although per cent., the U.K. with 5.1 per Light crude offiake by by discovering more oil than it —the largest in the world—is per cent. the U.K. with 5.1 per Light crude offiake by by discovering more oil than it —the largest in the world—is corrosion is known and (OPEC) by forcing its fellow admitted to be a long-standing of the Cult of the concessionaire con (OPEC) by forcing its fellow members at the Caracas meet-local problem). However, it is considerably with 488 per cents. Arabian Light (between members at the Caracas meet- local problem). However, it is considerably) with 4.68 per nents: Arabian Light (between ing-notably including the the view in some diplomatic cent.

32 deg and 36 deg API, mainly cent. Shah—to adopt its line that circles that where Aramco there should be no price rises might have been at fault was for another 12 months. This is in not keeping the Saudi Govadditionally in the face of the dollar's weakening. Saudi Arabia has said on several tained basis at the required cult and fundamental decisions after the oil field itself—up to "... seessions that it was not out 10m. b/d ceiling because of policing Receive of the lead 129 deg.31 dec API drawn from 10m. b/d ceiling because of the lead (29 deg-31 deg API drawn from policies, Because of the lead (29 deg-31 deg API drawn from time of about the required the Khursanitah Abu Safah neans of oil payments, but like though the installed hardware there it is studying the re- is there. ationship between the dollar and Special Drawing Rights of and Special Drawing Rights of Aramco had some serious mismade. Basically, Saudi Arabia deg API from the Safaniyah in the IMF as an alternative fortunes. During the first two has to decide whether it should field—between 10 and 12 per nethod of payment:

nethod of payment: At Doha in December, 1976, laudi Arabia had again played on initial 10 per cent. rise fol-nounced that production was to in OPEC. wed by another 5 per cent be limited to a 8.5m. b/d cell-Pater in 1977. In June a com- ing, which is being sustained ring their prices up to 10 per American Oil Company as 16m. b/d (the U.S. is conbers to adhere to the general as 16m. b/d (the U.S.

15 about a charites

rate there was sufficient oil b/d. Production levels in the market to keep prices January had fallen to 5.98m. pwn. However, Saudi Arabia b/d, but it is estimated that an ons—reflecting on Aramco's Apart from an average of about The Government estimates the chnical abilities—about water 550,000 b/d reserved for refiner-

in not keeping the Sandi Government informed that it could not keep medical that it could

acroschment into wells, sait les, all Saudi crude oil producater corrosion of water tion is exported. In 1976, Japan on barrels.

It has to be added that decision will soon have to be and Arabian Heavy (26 deg-28 months of 1977 had weather raise its oil producing capacity cent.). However, the proportions hampered loading at the to meet the rising demands of of production do not coincide terminals, and in May a fire the West during the next directly with estimated reserves damaged pipelines and a key decade. The ramifications of of these different blends, which econd world producer after pumping station in the Abquig such a decision are obviously as are believed to be Arabian he Soviet Union and largest field, the third largest, which political as they are economic Light and Berri about 60 per appropriate at an OPEC meeting by holding out, with the United 2 and 3m. b/d and damages of a solution to the Arab-Israeli cent.; and Arabian Heavy 25 per trab Emirates (UAE), for a 5 around \$100m. In September er cent. price rise against the Sheikh Ahmed Zaki Yamani, West's economy and Saudi Arabian Light, one aim is to plastics to pharmaceuticals.) ther 11 members who wanted the Minister of Petroleum, an- Arabia's ability to call the tune conserve reserves, but at the

from Getty Oil Company and achieved by the investment of oil prices this year. as only partially successful in annual level of 8.5m. b/d will have a record (that is record). ils, which led to some contro- bring in an income of about ship with process and unprocess against each and unprocess against each against and unprocess against each against against

time of about ten years required the Khursaniyah, Abu Salah, 750,000 b/d) and Berri (over owned by the Saudi Governfor the development of new Qatif, Zuluf and Marjan fields large-scale energy projects, a -between 3 and 5 per cent.):

time of the announcement The country's current eco- Sheikh Yamani also said that nomic requirements are for in. other light producers in OPEC he 11 upper tier agreed to theless, production in 1977 totalled 9.20m. b/d, of which trabia and the UAE agreed to the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring their prices up to 10 per the contribution of the Arabianit in and ring the ring the

Safaniyah Last month Sheikh Yamani

(nearly 1m. b/d). Abqaiq (over Arameo (currently 60 per cent.

Zuluf (offshore), which were Socal, Texaco, and Exxon and the stage of doing the detailed shut down in 1976, the latter 4 per cent for Mobil) have been has been brought back on in their final stages. Under the stream, increasing considerably terms of a "general accord" national oil and petrochemical the production of medium crude, reached in March, 1976, it was industry is in a state of com-The former is expected on agreed that after the 100 per

cent, takeover, the four com-To maintain levels of produc- panies would continue to run oil tivity. Aramco has for 24 years production operations for the time projects come on reservoir pressure. On average be paid an administrative fee of stream. Saudi strategy is to give foreign companies a large stake total capacity of 400m. cu. feet/cents as operating fees and 6 day) are injected together into day) are injected together into cents as exploration fees. They the Ghawar and Abqaiq fields.

Existing water injection volumes are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk of the crude produced at the are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if Western nations are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if Western nations are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if Western nations are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if Western nations are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if Western nations are into Aboaig 12m h/d Rerri market price for her the continue to lift the bulk if the bulk is the continue to lift the Existing water injection volumes of the crude produced at the are into Abquiq 1.2m. b/d, Berri market price set by the Saudi if Western nations move on the defensive to protect their own petrochemical industries, future Uthmaniyah, Shedgum and Ain risk capital for exploration in Viability will depend on the petrochemical industries, future northern area seawater is to Aramco's concession. In the bashing and industries, future normern area seawater is to chiamons concession. In the backing and involvement of the of subsurface under the correct 42m. b/d event of an oil discovery, the international analysis of subsurface under the correct would be international analysis of the correct transfer that the correct transfer transfer to the correct transfer transfe of subsurface water), Hawiya Government would repay the international companies SAUDI ARABIA last December drop in reservoir pressure. per cent. of the total, followed by announced that a 65 per cent. barrels) or Abquiq, are over, so subsurface water), Hawiya companies their outlay plus a companies their outlay plus a specific fee per barrel of the following marketing issues: the local marrole in the Organisation of convincingly denied (although Petroleum Exporting Countries of subsurface water), Hawiya covernment would repay the Critics in the petrochemical companies their outlay plus a continues to \$800,000 b/d. The first phase of covered oil and a corresponding marketing issues: the local marrole in the Organisation of convincingly denied (although petroleum Exporting Countries of subsurface water), Hawiya covernment would repay the Critics in the petrochemical industry point to the following marketing issues: the local marrole in the Organisation of convincingly denied (although petroleum Exporting Countries of subsurface water), Hawiya covernment would repay the Critics in the petrochemical industry point to the following marketing issues: the local marrole in the Organisation of convincingly denied (although petroleum Exporting Countries of subsurface water), Hawiya covernment would repay the contribution of subsurface water), Hawiya covernment would repay the contribution of subsurface water). Hawiya covernment would repay the contribution of subsurface water), Hawiya covernment would repay the contribution of subsurface water). by by discovering more oil than it —the largest in the world—is additional allocation of crude ket for Saudi products is tiny splend nents: Arabian Light (between about 26 exploratory rigs operat. Qurayyah on the Gulf in June 32 deg and 36 deg API, mainly discovery of new fields since and then three months later an from the Abqaiq and Ghawar (both onshore) additional 1.5m. b/d, with the fields—about 70 per cent. of and Hashah (offshore). Of 37 intention in the early 1980s of production). Berri (another fields, production is coming only reaching 12m. b/d—at a total light crude of 38 deg API and a source company, would put, regional rivals like Iraq become a service company, would put, regional rivals like Iraq become a service company and Iran and other Gulf states operating in the oil sector as well as in such other sectors as gas exploitation, electrification of the Eastern Province and Western industrial action of the Eastern Province and Iran and other Gulf states operating in the oil sector as service company, would put, regional rivals like Iraq become a service company, would put, regional rivals like Iraq become a service company. Decisions

Suban, Snarar toold onshore) and Hasbah (offshore). Of 37 intention in the early 1980s of fields—about 70 per cent. of and Hasbah (offshore). Of 37 intention in the early 1980s of fields—about 70 per cent. of and Hasbah (offshore). Of 37 intention in the early 1980s of fields—about 70 per cent. of and Hasbah (offshore). Of 37 intention in the early 1980s of fields—about 70 per cent. of and Hasbah (offshore). Of 37 intention in the early 1980s of the conduction of the Eastern Province and Western industrial nations to the execution of the Eastern Province and Western industrial nations to the execution of the Eastern Province and the execution of the Eastern Province and the execution of the execution of

Industry

lishing the SABIC Celanese tonnes) Company, a joint venture with (300,000 tonnes). SABIC-Exxon Celanese Chemical and Texas Petrochemical is aimed at a studies will continue for a plant in Jubail to produce 2,000 tonnes a day of methanol from which building materials, glues, Pinned solvents and anti-freeze can be

Although the days of discover- caned Sand-Canobi Fettle would be mixed with locally Sand Flate in oil-related down- tive strategies." Saudi Arabia ing huge fields on the scale of chemical, which is proposing to available scrap to produce steel participate in oil-related down- tive strategies." Saudi Arabia Ghawar (241 km. long and construct an ethylene based combillets. The export potential is stream activities and has a big believes it has the deterrent onawar (221 Am. 104g and construct an ethylene based comonicts. The export potential is stream activities and has a vis pelleves it has the determined as km. wide and with reserves plex at Yanbo. The product mix currently being examined. A political stake in pursuing plans power necessary to construct estimated at 68bn. barrels), from this plant is planned to be contract between the Depart- for a petrochemical revolution, the dream. with low density polyethylene ment of Minerals and British Both the Government and the estimated at 25bn. (200,000 tonnes/year), ethylene Steel Corporation has been joint venture oil companies are

and ethylene glycol Detailed feasibility 240,000 tonnes low density poly-

820bn. and by maintaining re- At the same time, Saudi bility study agreement last year pinned on two projects, an iron that the negotiation stage. The within the Finadom of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the Arabia with other medium and the Sabia Lancaca Control of the servoir pressures partly by the servoir operating respectively obstore and offshore in the Neutral Zone shared with Knwait. This Government plans aim at pre- in Geneva at the hesigning of Con Charlesi Contract to Land Steel plant and an at the negotiation stage. The within the Kingdom of the oil deterrent reinjection of natural gas and heavy producers such as Iran, sortium (Methanol Project), a aluminium smelter. SABIC has proposed joint venture with the existence of the oil deterrent reinjection of natural gas and heavy producers such as Iran, sortium (Methanol Project), a aluminium smelter. SABIC has proposed joint venture with the existence of the oil deterrent with Korf- Taiwanese would be for an have been echoed by Mr. Secondary recovery). Saudi Iraq, Kuwait, and Venezuela, met joint venture with Mitsubishi signed an agreement with Korf- Taiwanese would be for an have been echoed by Mr. Secondary recovery). Soudi Iraq, Kuwait, and Venezuela, met joint venture with Mitsubishi signed an agreement with Korf- Taiwanese would be for an have been echoed by Mr. Secondary recovery). The Saudi Government Zone shared with Kuwait. This onounced it would raise its oil marked a rise in total production ceiling from 8.5m. tion of 7.3 per cent. over the arrels/day to 10m. b/d to arrels/ there is a growing conserve crudes and light crudes with a grade methanol using methane duction process if the current industrialisation are tied to the of new petrochemical constructionist labby to conjugate the current industrialisation are tied to the of new petrochemical constructionist labby to conjugate the current industrialisation are tied to the of new petrochemical constructions. mere is a growing conservar crudes and light crudes with a grade methanol using methans duction process if the current industrialisation are used to the or new petrochemical construction of new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation are used to the or new petrochemical construction process if the current industrialisation of relations prove satisfactory.

Saudi Arabia's reserves, according to satisfactory.

Saudi Arabia's reserves according to satisfactory.

Saudi Arabia's reserves according to satisfactory.

Saudi Arabia's reserves according to satisfacto

examining the market mainly glycol (200,000 tonnes) and agreed to investigate the chances for the ethylene-based range styrene (320,000 tonnes). Ben- of using local iron ore deposits petrochemical derivatives, zene for styrene production will in Wadi Sawawin at some time the clout which Saudi Arabia (Ethylene gas is the major come from an adjacent refinery, in the future. A feasibility study could bring to bear to persuade Petrochemical for a 225,000 tonnes/year critics of its petrochemical around \$100m. In September, conflict, the development of the cent. In imposing this celling on Sheikh Ahmed Zaki Yamani. Wastle and State of Sand Arabian Heavy 25 per starting point for a series of SABIC-Dow Petrochemical aluminium smelter does not dreams that the Kingdom has petrochemical derivatives from hopes to construct a 400,000 seem yet to have attracted a a just case in its downstream plactics to pharmaceuticals. Last month an agreement was product mix including low optimism about the viability of duction would represent a prosigned in Houston. Texas, establication polyethylene (200,000 the project is based on studies portion of world output small

500,000 b/d). Of Marjan and ment, 12 per cent. each for treading carefully as they reach costings and marketing studies.

It is no secret that the intersiderable alarm at the prospect of Saudi Arabia entering a market which may be saturated by

from 15 at present with the cost of \$1bn.

main producers: Ghawar (more For some time now, negotiation 5m. b/d), Safaniyah tions for the full takeover of the four groups for their equity share may amount to \$1.5bn.

which could in anord the entry of a newcomer, particularly if the four groups for their equity saudi Arabia manipulated profit share may amount to \$1.5bn.

margins by juggling with feed-A.McD. stock costs and invisible subsidies. The companies in the joint ventures want to make certain that their planned products would not be uncompetitive on the free market because of unacceptable levels of productivity and high cost maintenance.

> The unspoken issue concerns the project is based on studies portion of world output small indicating that a world shortage enough for western producers of aluminium in excess of 1m. to live with. It is not Saudi tonnes a year will exist by 1985, style to brandish openly its Chemical fertilisers have been means of leverage, but recent discussed with various foreign signs have been that the companies including Britain's guardian of OPEC's main oil I.C.I. But the most advanced dis- supplies would be willing to cussions have been with the enlist the active support of are Taiwan Fertiliser Company. OPEC members to enforce its

> > Michael Tingay









Airport Management

AL provides management and support staff to control
all airport functions from initial airport planning through to
management and administration of completed airports. Air Traffic Control IAL provides a complete range of air traffic control services including the recruitment, training and supply of air traffic personnel.

Aeronautical Ground Aids Engineering IAL installs and maintains electronic equipment, radio navigation systems and airfield lighting, including specification and supply of communications and

navigational equipment. Aeronautical Telecommunications iAL plans, supplies, installs, operates and maintains aeronautical telecommunications services.

Meteorology IAL provides a complete meteorological service to governments and aviation authorities.

Airport Fire and Rescue IAL provides a total service for the provision of personnel and the operation of all airport and municipal tire and rescue services.

Airport Security IAL provides the aviation industry with efficient, easily implemented non-military methods of protection against organised crime and pulitical terrorism. IAL also markets the Rapidex Security System which provides metal detection, baggage x-ray and explosive gas and vapour detection facilities. Airport information Dissemination Systems

IAL provides a flexible and comprehensive audio visual system, which includes flight and general information displays, closed circuit television, alarm warnings, communications networks and central computer control.

Aviation Training

IAL has two training establishments in the UK: The
College of Air Traffic Services and The College of Radio
Engineering, which have trained students from Africa, the
Middle East and Europe to ICAO standards in many
different aspects of air traffic control, aeronautical telecommunications and navigation aid systems.

Aviation Products IAL designs, develops and manufactures a range of products including air traffic control systems, solid state navigational beacons, beacon monitor receivers, and a range of VHF transmitters and receivers.

IAL. Behind the scenes at more than 75 airports throughout the world.

IAL has been serving the aviation industry for three decades.

In 1947, when the world's major airlines were recreating services and expanding long-haul routes, IAL was established to provide technical staff and equipment at airports in many parts of the world.

And over the years IAL has acquired unrivalled skill in operating airports of all sizes from the largest

international airports to municipal airports and small local airfields.

IAL capability includes the supply and installation of equipment and the provision of personnel for the management, operation and maintenance of airports, air traffic control services, aeronautical telecommunications, radio and radar aids to navigation, security systems, meteorological and fire and rescue

services and many more associated

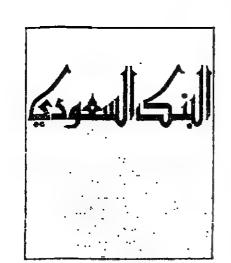
At present these services are provided at more than 75 different airports across four continents.

One of the most important of IAL's services is training. The company operates two colleges in the United Kingdom where a multiplicity of aviation skills are taught to students from all over the world.

No other company in the world offers such a comprehensive range of technical services to aviation, nor has a more broad-based knowledge or such an in-depth experience of airport planning, management and maintenance.

International Aeradio Limited, Aeradio House, Hayes Road, Southall, Middlesex, England. Telephone: 01-574 2411 Telex: 24114

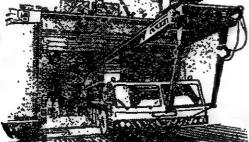
I/AL BATT	ERNATIONAL AERADIO LIMITED
Please send me more i Capability. I am particu	information on IAL's total Aviation Narly interested in
· · · · · · · · · · · · · · · · · · ·	
Name Position	
Organisation	
Address	<u> </u>
Country	



49.51 Avenue George V 75008 Paris, France. Telephone 7208608 Telex 630349F REPRESENTATIVE OFFICE: Stock Exchange, Old Broad Street, London EC2N 1HH.

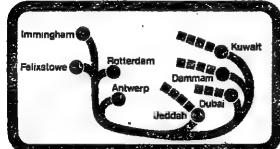
[elephone 01-588 4322/3/4 Telex 8813438





...better, faster, weekly RO-RO services from UK/Europe to the MIDDLE EAST

cargo handling experience, and in-oc knowledge of Middle East ports and i



Sales, enquiries, bookings etc., to

Fred. Olsen Seaspeed Svedel Limited Placty House, 7 Copthall Avenue, LONDON ECZ. Tel: 01-528-3351 Telex: 859158

8) -55 Nev. Street, Strmingham. Tel: 021-843 2989 & 021-543 3408 Teles. 337025,

Port Agents: Imminghan

Tor Line Ltd., P.O. 90x 40. Manby Road, South Killingholme, Tel: Immingham 7316-Teles: 527104. Port Agents: Felixstowe.

SAUDI ARABIA XXVI

Marketing in Sandi Arabia is a mixture of the straightforward and the apparently impossible. Once a particular brand dominates the market it becomes extremely difficult for another manufacturer to compete. This is in large part because of the weakness of advertising, an industry still in its infancy.

Marketing

tem (the most conspicuous quality. In fact, once estab- that she should compare the possibly because the shortage Generally the public does not remaining bottleneck), the lished in Saudi Arabia (and in loads of two makes, and enquire looks like an additional popular believe in making repairs and clusiveness of clients, the many other Arab countries for how many programmes the differencement of a favoured has become very throw-dway bureaucracy and delays involved that matter) there is much more ferent models run and at what model or brand. Then rather minded Given the harmonic in the many other rather minded or the many other rather many other man tracting industry—to name just from competition than there fact that people in the Arabian bring influence to bear on the lives in the Arabian Peninsula a few of the difficulties. Yet in would be in the West.

Peninsula do not go window distributor in order to get to than they do in Europe and peninsula do not go window the waiting list.

American many respects the market itself in Saudi Arabia is relatively Weakness straightforward. It is a country "3 consumers (and some priequipment) can be very unlits position in the market so shopping. Also, because of the most important factors in a areas of the Eastern Prevince

thing very sophisticated or com- roadside

point when others' goods are regarded as he or she should expect from a it is the modern fleet owner non-mechanical inferior. At one time in Saudi Arabia the word, Japani " was

BUSINESSMEN would actually used to mean second ties—such as the local service pany using its own trucks that follow a proper maintenance claim that working in rate.

Arabia is easy. There are

It follows from this that one make one product a better buy than Mercedes in the past few household appliances—and the local service pany using its own trucks that follow a proper maintenance facilities and the guarantee— has begun buying trucks other schedule for their cars and the local service pany using its own trucks that follow a proper maintenance facilities and the guarantee— has begun buying trucks of the local service pany using its own trucks that follow a proper maintenance facilities and the guarantee— has begun buying trucks of the past few household appliances—and the the tiring and frustrating prob- brand may dominate the Saudi than another. With washing years.) It even seems that same can be said in many can icms of the Kingdom's inade market for a particular item, machines, for instance, a buyers are more attracted to with lifts and central attracted quate telecommunications sys- regardless of its price or customer may need to be told items that are in short supply, thoring systems in big buildings.

i. any dealings with the govern-scope for a manufacturer speeds their driers operate. ment, and the daunting scale of sitting back on his laurels and legistical operations in the con-remaining reasonably immune custom

product, and none at all sary purchase by advertising. contain the humour or ingenuity of Western posters. Relatively nate buying pattern shows up than the impersonal reading of tions have won big market Saudi Press has provided to price changes a feature of "Nido," sewing machines as another medium, albeit not a the market which is of some effective. The merchants point and Brothers, the Saudi agents "Singers" and, until recently, very effective one. But Saudi concern to the Ministry of out that there is generally in for Mercedes, and Yusuf Almed pens as "Parkers." This brand television, which is the only of the Ministry of out that there is generally in for Mercedes, and Yusuf Almed television, which is the only Commerce because of its inflaensciousness, which seems to medium which salesmen feel tionary effects. Rather than asking rather than reading, and agents for most of the General

product, and what other quali- or the foreign construction com- few consumers are prepared to

shopping which has a victors the top of the waiting list. circle effect in encouraging ex. Predictably, in a market which would last five or six tremely poor window displays, where reputation — spread by years in the United States is vate sector buyers of capital lished brand is able to maintain further disincentive for window example—is everything, the two selective, where the simplicity easily is the weakness of adver- huge affluence of some sections company establishing its brand (or in the lower Gulf) and only of a product is all important and tising in Saudi Arabia, which of the population, people may name are the simplicity of the a year longer in Riyadh; where advertising is in its in makes it difficult to introduce be much more careless about product and the service back-up, there is not the humidity. fancy. The Kingdom is not a new products to the consumers, buying and, compared with the Generally the Arabian boyers market where success in selling Up to the last ten years the only European buyer, know much of consumer durable goods are SCTVICE consumer goods depends on any. advertising medium was the less about why they want or bad at using machines and are need a particular product. With not inclined to read instrucing extremely uncomplicated their lack of definite buying tions. Distributors of such goods material such as a picture of motives Arabian consumers are as washing machines and dryers develop a good service operathe product and the manufac often described by salesmen as often find that the goods they tion-notwithstanding the comfeatures of the market—and a the product and the manufactoffen described by salesmen as vaccount to their turner's or agent's name. Very being like a certain type of have sold are returned to their few of these placards, which are American consumer—with the showrooms broken a day or two still the major form of advertis- important difference that the after delivery. Many distribuing in Saudi Arabia, try to build Arabian buyer has not been tors now send a mechanic to any sort of image for their encouraged to make an unneces-

recently the evolution of the also in a lack of responsiveness have spilled over into the ex-might be really effective, change brands or switch from remains strictly non-commercial. one commodity to another when of a the first item is in short supply dominant and much more expensive, con- may often be ignored however possibly because the nationality position in the Saudi market is sumers will stick rigidly with prominently they are displayed) the brand is not disguised by further helped by the sheer their first choice regardless of local manufacturing operations ignorance or lack of expertise of price. A year or so ago this books. This trait in the Arab itself and that the capital investors is in the West In the we the consumers. Throughout the happened with Mercedes trucks character is probably a major ment required is high. The star evi'ably certain exporting coun- Arabian Peninsula marketing—the Mercedes 2624 and 1924 reason why existing advertising of the investment is particularly tries, currently America and to men of the big merchant groups being the trucks driven by every media in Saudi Arabia are so lesser extent Germany, acquire find that a major part of their independent truck driver/owner ineffective. regutation for quality, while job is telling a customer what in the Kingdom. (Interestingly

Saudi Arabia's electricity generating capacity is

constantly in danger of being overloaded. But the network is

being expanded as fast as possible, and the electricity generating

than wait for the shortage to vironment of the region, the The general ignorance of ease and new stocks to become lack of maintenance means that ers stems partly from the available, buyers will try to products have very much shorter

in turn provides - a word of mouth and buying demonstrate the machine in the pensive, and so those comp This rather blind indiscrimi- involves personal contact rather an instructions manual the shares for themselveslessons are more likely to be examples being E. A. this applies as much with notices giving directions in buildings or on roads (which

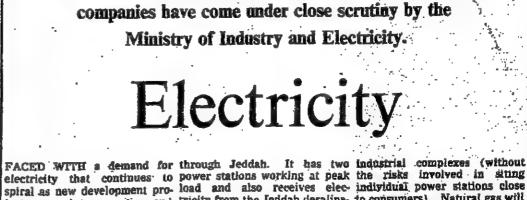
unlikely to last for more than two or three years in the coastal

Because of these characteris which have taken the trouble to develop good service Arab society a preference for Alghanim and Sons, the Kuwaiti Motors range.

tributors from providing good service facilities has be there is no profit (or very little as it does with technical hand profit) in the service operation daunting for a new agent who is not sure whether the product he enough to justify the outby-Many agents have fallen into the that they should start with small service facilities and then expand the scope and quality of the operation if and when siles begin-to grow. This inevitably leads to the early buyers of the giving the product a had reju

> In most cases foreign opera tions themselves are rejuction to invest in service facilities in the Kingdom, but a classic erample of the benefits which have gone to some of the exceptions is provided by Komatsu, the Japanese manufacturer of construction equipment. When the company found that its agent was reluctant to invest in adequate service, it set up its own operation, and from being virtually unknown in Sandi Arabia several years ago it new ranks as the number two equipment supplier after Caterpillar.

> > Michael Field



course of the year Minister of will produce. course of the year Minister of win produce. mission lines will branch out to industry and Electricity, Dr. Up to the middle of last year provide power to lesser confidence in the company had received summers, refineries, residential nearly SR900m, in loans from great and factories and, it is both to local companies and o foreign contractors.

Six major electricity comoanies generate power under Khobar, Mecca-Taif and AlAhsa. Power cuts are fairly
rare, but the gap between
capacity and overload, particularly in Riyadh and the Western Province, is uncomfortably tern Province, is uncomfortably ing the day to keep the generanarrow, and the companes are tors running. anxiously increasing capacity. In this area, the interest-free Integrated credit provided by the Saudi Industrial Development Fund. In the Eastern Province, the ficiaries. From the formation the area will ge integrated into of the fund in 1974 to mid-1976, a system with 2,500 MW capa-

Electricity Company (SNEC), which will combine the 40 or put of about 350 MW. The autumn, with the erection of the U.S. is working against a 230-kV line which will be the May 31 deadline to complete "backbone" of the SCECO indicated in the \$2,000 a day tion of four substations.

penalty that General Electric Ultimately the backbone will suffer if it fails to meet the stretch from Uthmaniyah, south deadline. The other six tur- of Abquiq, to Safaniya and will

in the electrification of rural on stream early last year. Even places. From sub-stations sited

the Saudi Industrial Develop-ment Fund. It estimated then that peak demand could rise by 1980-81 to 950 MW, for which a further SR1bn. would be required. For the Juffalis oppulation in Jeddah, Riyadh, family times have certainly Danmam - Dhahran - Al-changed, for when the Juffalis Khobar, Mecca-Taif and Al-company opened the Kingdom's

has been crucial and the six present networks that supply remain by far its largest bene- the vast industrial consumers in fund disbursements to the city. The Government has najor companies exceeded designated Aramco to manage iRIbn.
In Jeddah the Saudi National tricity Company (SCECO) which Sheikh Ali Juffali more private electricity comchairman, is installing panies operating east of Riyadh. turbines The first phase of the integrawith a total effective out- tion project was completed last General Electric Company of 500 transmission towers along a the first of the units in the system. The first phase also \$100m_contract. Something of included 92 miles of transthe urgency of the project is mission lines and the installa-

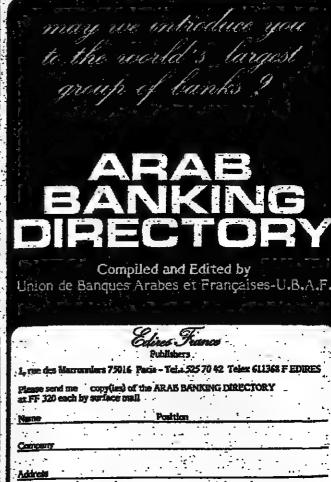
bines are to be completed by be expable of transmitting bulk the end of January next year.

power of up to 600 kW to the SNEC controls the whole grid load centres, populated areas or

ects come into operation and tricity from the Jeddah desalina- to consumers). Natural gas will living standards continue to tion plant. The seven turbines be the main fuel supply and climb, Saudi power generating are being installed at a third power generating plants are to companies have been striving station, where General Electric be: located at Uthmaniya, manfully to keep pace. At the has already constructed four Shedgum, Ghazlan and Berri so same time the Saudi Government has been taking an in-added about 200 MW to the is possible with centres for creasingly active part, chiefly SNEC 110-kV system and came Natural Gas Liquids in these time the electrifications of surely on stream early last year. Even places. From substations sited areas, but also in the super- so SNEC says it has orders for on the backbone at power vision of the companies. In the all the electricity the new plant stations and large centres, transmission lines will branch out to

Patterns in Saudi Arabia: the Central Region" by Mousalf, Shaker and Mardily. Price: £3.50, \$7.50, \$R40.

ART AND ARCHAEOLOGY RESEARCH PAPERS 102, St. Paul's Road.





RE-SHAPING LAND AND SEA

Bos Kalis Westminster has been working in the Middle East for the last forty years. Today BKW has a work force of over 7,500 personnel and is proud of its history of continuous international expansion and development. The Group's specialist activities include civil and marine engineering, hydraulic works and dredging, land and submarine pipeline construction, railway

engineering, rock drilling and blasting, oil terminals and off-shore services - all supported by full research and survey facilities. BKW is now a leader in international contracting, offering clients throughout the world the reliable and attentive service expected of a technically and soundly based group.



BKW Middle East Ltd

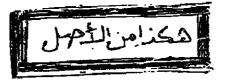
P.O. Box 5457, Doha, Qatar. Tel: 010 974 325524. Telex: 4062

Osiris Survey Projects Ltd., P.O. Sox 4408, Doha, Qatar. Tel: Doha 322409. Thr. 4052 Osiris DH Bos Kalls Westminster Overseas Ltd., P.O. Box 3168, Dohe, Qatar, Tel; Doha 25826. Th: 4384 Dredge DH AND P.O. Box 1168, Shaneh, United Arab Emirates. Tel: 23473/23563, Tbc 8102.

Rock Fall (Middle East) Ltd., P.O. Box 3306, Doha, Oatar. Tel: 28950. Ttc: 4404 DH

Members of the Royal Bos Kalis Westminster Group NLV.





Water supply has always been a problem in Saudi Arabia. The traditional solution lay in emigration - now the tide has turned, and the influx of population is adding to the continuous need for agricultural water.

Water supplies

earlier this year with the largest thousands of foreigners who side. The six year old Jizzan Dam economic expansion which fol urban expansion also hold ately the huge Umm er Radbottled up albeit for a few lound the cit bear along to faw It is Jed lake in the Arabian Peninsula, have been drawn in by the The physical dimensions of Their task is to measure accurweeks, more than 50m. cubic Only in the north and east tribution. One Saudi official stores a vast volume of fossil metres of water—theoretically and the better watered south pointed out that in Riyadh the water (never younger than up with the observation by an enough to water ladden for enough to water Jeddah for a west is the government able to high cost of land near the city 10,000 years stretching from the official that "before the dam the west is the government able to high cost of land near the city 10,000 years stretching from the risk to farmers' livelihoods was year. Without the dam this lake give priority in water supply to centre has produced a series Iraqi border in the north under the north under would have been a huge flow of agriculture. In Riyadh and the of satellite suburbs many miles most of the eastern part of the agriculture water is 90 per cent."

Water surging to the coast in an water for new areas are connected to the agricultural brief (they are also vided guaranteed drinking water for new areas are connected to the agricultural brief (they are also roads, valuable soils, machines, effort into providing water for new areas are connected to the agricultural brief (they are also nate enough to be in the way.

An official said: "Drinking lent in volume to a mediumthe urgency of the Kingdom's time to members of the local
million cubic metres of floodwater form two nights of

water from two nights of are growing so fast that we where they can afford to. To work on the Wasta project, a dams is that silt, a proportion to mental rain high in the Accir torrential rain high in the Assir don't even have enough time to supply their homes with water costly scheme 100 kilometres of which was formerly deposited Mountains marks the greatest. ten year old dam building policy. But the ephemeral Lake Expansion to commideum of the country's . In this case reality is an ac-demands of Saudi Arabia's north and west of Riyadh.) hydrological difficulties. It is not simply that this vast arid land receives only 30 to 100mm two directions at a rate properly logical cycle goes to agriculture in relation to future needs, the of rainfall a year but that water there is an internal movement —an estimated 70 per cent this Government has continued with

wrong concentrations. dardied its policy and priorities of the attraction of the new through evaporation from the development over the next four for optimizen use of limited urban way of life so difficult fields." Elsewhere, the 1977 picture are supplied deciding on the best ing profitable enough to keep tween agricultural and urban separately) the Government has been less rosy and Dr. Saudi-British Economic Co-Feisal, that "electricity will have distribution and balance be up with the rocketing cost of demand is that the former, dicharacter improvement in the state of the sta tween immediate human con- living that Saudis have had to tated by geography, has long a year. The purpose of these small companies that they are under scruting to improve their services and expand networks. He production; between urban sector jobs to maintain their while the latter, the product of dams is primarily to hold back scruting to improve their services and expand networks. He production periodic flashfloods which can vices and expand networks. He production periodic flashfloods which can singled out the Medina Electric from the trend is the sad fact that accelerate. With agricultural be catastrophically destructive, singled out the Medina Electric from the trend is the sad fact that accelerate. With agricultural be catastrophically destructive, tricity Company as giving his company algued consultancy ministry cause for concern, but the sea, of towns is being swallowed up optimize use of existing re-for limited periods prevent loss ministry cause for concern, but the sea of towns is being swallowed up optimize use of existing re-for limited periods prevent loss ministry cause for concern, but the sea of towns is being swallowed up optimize use of existing re-for limited periods prevent loss ministry cause for concern, but the sea of towns is being swallowed up optimize use of existing re-for limited periods prevent loss ministry cause for concern, but the sea of towns is being swallowed up optimize use of existing re-for limited periods periods there are not to improve their services scruting to bring the expertise of British State institutions to find the institutions to find the expertise of British State institutions to find the expertise of British State institutions to find the reconstitution of the institutions to present rural electrification present rural electri

celerating urban expansion from town dwellers, a large propor- While foreign consultants two directions at a rate probably tion of water in the hydro- have been assessing resources

Despite the

Baha and Al-Kharj were canminerally sature argue has write an eye to raine spectration. Can introduce modern knowground seepage. Last month's demand increasing by 35 per
Baha and Al-Kharj were canminerally sature argue has write an eye to raine spectration. Can introduce modern knowground seepage. Last month's demand increasing by 35 per
Baha and Al-Kharj were canminerally sature argue has write an eye to raine spectration. Can introduce modern knowground seepage. Last month's demand increasing by 35 per
Baha and Al-Kharj were canminerally sature argue has write an eye to raine spectration. Can introduce modern knowground seepage. Last month's demand increasing by 35 per
Baha and Al-Kharj were canminerally sature argue.

Since the sature argue has write an eye to raine spectration. Can introduce modern knowground seepage. Last month's demand increasing by 35 per

Baha and Al-Kharj were canminerally sature argue.

Since the sature argue has a state of the ground seepage. Last month's demand increasing by 35 per

Baha and Al-Kharj were canminerally sature argue.

Complaints from the public, the tion of the Saudi Government is certain western and Japanese increasing by 35 per

Complaints from the public, the tion of the Saudi Government is certain western and Japanese increasing by 35 per

Complaints from the public, the tion of the Saudi Government is certain western and Japanese increasing by 35 per

Complaints from the public, the tion of the Saudi Government is certain western and Japanese increasing by 35 per

Complaints from the public, the tion of the Saudi Government is certain western and Japanese increasing by 35 per

Complaints from the public, the tion of the Saudi Government is certain western and Japanese in complaints from the public, the tion of the Saudi Government is certain western and Japanese in complaints from the public, the tion of the Saudi Government is certain western and Japanese in complaints from the public, the tion of the Saudi Government is certain western a Suppropriet Mohammed, Arabs have workers to American executives) resources is currently being to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity Company in June. After Organisation formed in 1976 to was subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity Company in June. After Organisation formed in 1976 to was subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The contract for the Astronomy Electricity bids are subsequently given to irrigate their land five and the Board of the Riyadh Electricity bids. The portions in waves spreading Arabia in recent years. Jeddah development consultants Hunt- their year round work on investigation, Dr. Algosaibi said provide electricity to remote Hyundai of Korea, at a consideration waves appeared in waves appeared in waves appeared to the first pear round work on investigation, Dr. Algosaibi said provide electricity to remote Hyundai of Korea, at a consideration waves appeared in waves appeared to the first pear round work on investigation and investigation are the first pear to the first pe Across what is now the Arab is now 50 times larger than it ing MacDonald's. (West Ger- primitive canals rarely gave that the lines, generators and and isolated areas in the ably lower contract, and that for primitive canals rarely gave that the lines, generators and and isolated areas in the ably lower contract, and that for primitive canals rarely gave that the lines generators and and isolated areas in the ably lower contract, and that for primitive canals rarely gave that the lines generators and and isolated areas in the ably lower contract, and that for the lines generators and and isolated areas in the ably lower contract, and that for the lines generators are generators and and isolated areas in the ably lower contract, and that for the lines generators are generators and and isolated areas in the ably lower contract, and that for the lines generators are generators and and isolated areas in the ably lower contract, and that for the lines generators are generators and and isolated areas in the ably lower contract, and that for the lines generators are generators and areas in the ably lower contract, and that the lines generators are generators and areas in the ably lower contract. world. For the first time the was ten years ago. People in man and Canadian consultants them more than two chances to the whole network were in Kingdom and manage projects Al-Kharj to the Pakistani State For the limited water resources Riysidh and Jeddah consume are working in the West while harness a tiny fraction of the need of a drastic overhead. The already undertaken by the electrical engineering concern. The series in the state of the state of the state of the British firm is responsible wadi water. The nearby Besh new Board now has a team of Government. Its first enterprise, The

central supply, could be equiva- looking at soil resources) but Mountains marks the greatest take full stock of the situation. We have to lay hundreds of east of Riyadh to pipe 200,000 on the wadi (dry river) bed, we have to lay hundreds of east of Riyadh to pipe 200,000 on the wadi (dry river) bed, we have to lay hundreds of east of Riyadh to pipe 200,000 on the wadi (dry river) bed, miles of pipes through undecubic metres of water daily to now remains behind when the ten year old dam building veloped land to reach the the capital by 1980. (Last year temporary lakes evaporate.

is available at the wrong time as bedouin, peasants and year A Saudi water expert its programme of creating a limit the wrong places in the farmers abandon their rural life explained, "People are greedy modern hydrological infraand traditional habits (which in- enough but their water wastage structure. In the past ten years Responding, apparently after clude a low daily consumption is nothing compared to that of 45 small dams have been compared to the construction of water by individuals) in plants watered by traditional pleted and 13 are currently several years of uncertainty, to of water by individuals) in the irrigation. We can lose up to under construction. With a first time that the construction of water supplied to the construction. government has cities. It is not just a question 30 per cent of water supplied 10bn. rival budget on water years (excluding desalination

desalination plants by the sea, of towns is being swallowed up optimise use of existing reductions by the sea, of towns is being swallowed up optimise use of existing reductions by the sea, of towns is being swallowed up optimise use of existing reductions by the sea, of towns is being swallowed up optimise use of existing reductions and purchasing agreements of improve the capital recharge shallow wells through the wadi channels and have been more serious, with the regions of the Asir. Jizzan, the reduction bound is sources and cut down wastage.

In December the reconstituted company as giving his company as giving his company signed consultancy and purchasing agreements redictly Company as giving his company signed consultancy and their surrounding villages.

This programme was delayed through the wadi channels and have been more serious, with have been more serious, with have been more serious, with the regions of the Asir. Jizzan.

water (a storage and purification empd (105m. gallons) by 1981, plant is installed) for the first

able, the desalination pro (114,000 cmpd by 1980). While foreign consultants gramme has received perhaps. To put these figures into ave been assessing resources the greatest publicity. Indeed, perspective it is thought that

Water Resources last year.

that one day desalination could existing sources. tion is complementary to Jeddah's natural sources are had been a noticeable drop in resources. (One consequence of water. Such supplies, which are lately. Meanwhile the Baha pro-

Desalination plants currently produce rather less than 70,000 cubic metres per day (more than 18m gallons). This is than 18m. gallons). intended to rise to 114,000 cmpd (30m. gallons) by the end of guaranteed drinking this year and more than 400,000 The main plants are at Jeddah 38,000 cmpd (where the second stage expansion completed in November last year), Al Khobar 28,000 cmpd emporary lakes evaporate.

Of all projects made possible

or the coordinate when the conditions are such a diurnal deluge the conditions are such as discussions are suc

is SR2.2bn. which is almost as by 1981 with 400,000 cmpd for mission the contract, where he large as the total spending of Jeddah. By 1980 the capital said that he had no doubt that the Ministry of Agriculture and should be connected to Al Wasia the \$70m. project could be com-One popular misconception piped aquifer water, as well as well within schedule.

the Jizzan Dam, of the prob-exceed SR700m. lems of unpredictable and inwater supplies. This winter's Short-term equitable distribution of natural entire rainfall fell in two separate downpours in December (when 56mm fell in 24 villages along the main pilgramhours) and February 23 and age routes and of 75 isolated 24 when the city was brought settlements as well as a rural virtually to a halt by 70mm of electrification programme for rain. All the petrodollars in 72 small towns. This last is a billion rival sewage system its cost is estimated at SR250m.

CONTINUED FROM PREVIOUS PAGE Electricity

Electricity International, an

hoped, ultimately to Bahrain as 23 British advisers recruited a modest SR20m, electrification soon as the projected causeway from the North-West Area Elec scheme in Al-Quweiyah was tricity Board for British opened in the autumn of 1977. While Dr. Algosaibi has The purpose of these small companies that they are under deavours to bring the expertise village in the Kingdom," the

the independent budget for the the daily requirements of Mahmoud Tayba, travelled to Water Desalination organisation Riyadh will reach 600,000 cmpd Pakistan early this year to comand receiving 200,000 cmpd of pleted within 20 to 24 months,

One popular misconception 360,000 cmpd from current This episode has now blown which has arisen is the notion over and Dr. Algosaibi himself Most city supplies come from said that the cancellation had needs. This is not so. Desalina aquifer and rainwater though served its purpose, since there groundwater supplemented by desalinated the levels of tenders received fanciful reporting was last not usuable for agriculture ject has been completed and year's dismissal of Prince currently provides 5 per cent similar schemes are planned for year's dishussal of France of total urban supplies. Speci- Najran, Qasim, Sudair, Wadi overseeing water development. Alists say that desalination is Fatima, Hail. Al-Ahsa and unlikely to provide more than Namas. The SR300m. first phase willingness to contribute to 20 per cent. of town water of the Qasim project is being willingness to contribute to an individual cases like undertaken by the Canadian samplest this year with the largest thousand of hundreds of head as people in the country- for resources in the central and Wadi dam has more than twice international research into the though in individual cases like undertaken by the Canadian and the largest thousands of head as people in the country- for resources in the central and Wadi dam has more than twice international research into programme could eventually water supply were rapidly source, supplemented by aqui- bring electricity to some 300 It is Jeddah which provides a Riyadh. The total cost of the final example, quite dramatic as enterprise is expected to

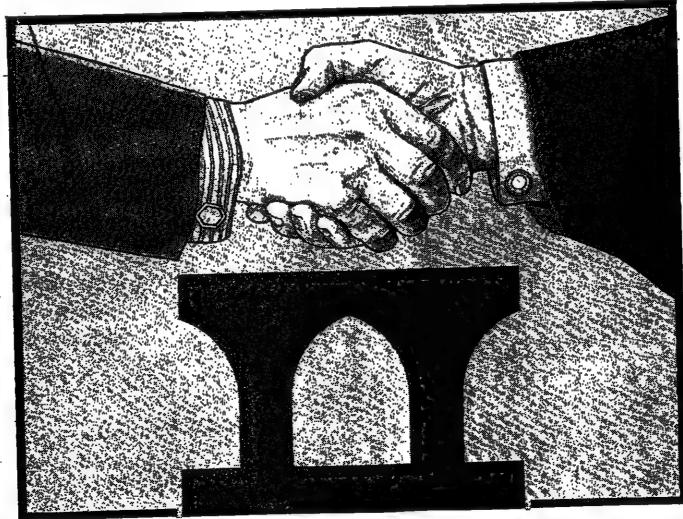
Other short-term projects include the electrification of the world could do nothing to to be completed a year after avoid this disruption. Even if the end of the plan period and

ruyaun was using 150,000 cm a Ur all projects made possible new ports of Yanbo (19,000 such a quirnal deluge the for the electrification of whole cmpd by 1980) and Jubail by dust and dirt accumulating regions and their interaction.

Arabia's north and west of Pivodb The longer-term programme reliable and less wasteful of valuable labour than the present systems, will not be realised in the course of the second fiveyear development plan. But emphasis on the development of bulk supply from water desalination and natural gas makes the achievement of a national grld inevitable.

The first major desalination plant, commissioned in Jeddah of 180MW. By the end of this year that capacity will have increased by an additional 200MW, and after three years by a further 500MW. According to Essam Jamjoom of the General Desalination Authority, the total capability planned for the Western seaboard is 2,000 MW, while on the east coast Baha and Al-Khari were can-Al-Khobar are to have a combined installed capacity of gramme, the Italian company GIE was awarded a \$280m, con tract in October for a 500MW project at the industrial com-

Jamie Buchan



HE FRIENDLY ARAB BANK

Thinking of setting up in Saudi Arabia? Looking for business opportunities? Seeking advice?

We would be pleased to help-apart from providing you with an introduction, we can offer the complete financial services one would expect from a leading commercial bank.



P.O. Box 3555 Cable: Banksaudi Telex: 40102 NCB Forex Jeddah, Saudi Arabia

two major industrial proof Saudi Arabia's in

The Kingdom of Saudi Arabia has an expendable source of wealth, and the day will undoubtedly come when that source is finally depleted.

In recognising this irrefutable fact, the Saudi Government has long been determined to ensure that the source of the nation's future wealth and prosperity for its citizens by converting its present wealth into a sound productive base.

This, given the geography and infrastructure of the country, means a programme of rapid but carefully planned industrialisation.

The long-term objective is one of diversifying the Kingdom's industrial base, thus enabling Saudi Arabia to realise a greater measure of self-sufficiency.

In the short-term, however, efforts towards industrial development are being concentrated on two main areas: the setting up of hydrocarbon based industries which can make maximum use of Saudi Arabia's natural resources, and the establishment of industries that are not only economically feasible but add to the country's national security and social prosperity.

For these very reasons, the two widely separated regions of Jubail on the Gulf and Yanbu on the Red Sea coast were chosen so as to strengthen the economic ties between the eastern and western ends of the Kingdom, and a

Royal Commission was established to implement their industrial development.

ubail was chosen mainly for its proximity to cheap energy sources, which could also supply basic raw materials to the petrochemical industries destined to be set up there.

JUBAIL

The total area for the Jubail project and adjacent community facilities comprises 170 Km² with an additional 730 Km² to allow for future expansion. It is planned that the Complex will include nine major industrial plants; modern power, water, and waste treatment systems; a comprehensive transportation system that incorporates an international airport and a major new harbor complex; a regional telecommunications system; an extensive manpower training center; and a complete new community.

training center; and a complete new community.

The estimated support population for the town is expected to exceed 200,000 inhabitants. The support industry the infrastructure facilities, the urban design and the institutional structure will provide the quality of life and the human and industrial growths aimed at with the inception of the industrial complex of Judail.

Scores of contracts have already been awarded and scores of others are being planned for the short and the long terms of development. Site preparations construction camps, water supply systems, roads, ports are at various stages of completion. Construction has been under way at Jubail for the last two years and the beginnings of a town and its people are taking shape.

indu. on the stellent geographic from the front of the land natural landom's east poide the encode the encode of the land in the choice of the land with Samuel Sam

picy which air

nebenenis of e

regions to the t

population.

partificom the implication the implication the implication the implication the implication that it is a specific to the implication that it is a specific to the implication that is a specific to the implication to the implicatio

white project chingsteps to this peoples results and extensions and extensions are successed as a contract of the contract of

the establishmential base wellowal Comm

A CONTRACTOR OF THE PROPERTY O

Manufactions

ria projects at the heart la future development

Yanbu, on the other hand, was selected for its excellent geographical location which makes it an ideal centre from which to export petrochemical products to Europe via the Suez Canal. In addition, oil and natural gas pipelines connecting the Kingdom's eastern and western regions would be energy necessary for running all basic provide the energy necessary for running all basic productively and petrochemical industries scheduled for the astructure of future in Yanbu.

Tapid but card The choice of these two separate regions is in industrialism keeping with Saudi Arabia's overall development policy, which aims as far as possible at spreading the benefits of economic growth throughout all regions, to the ultimate benefit of the entire population.

Apart from the obvious advantages that will accrue from these two massive projects in pure industrial development terms, a great number of fringe benefits, both economic and social, will be forth-coming. For example, in both regions these projects will facilitate the training of tens of thousands in many fields and thus will create for the future a valuable core of highly skilled craftsmen, not only involved directly in the main industries at Jubail and Yanbu but also in such ancillary industries as maintenance and supply.

Both the projects, under the guidance and control of

Both the projects, under the guidance and control of the Royal Commission, are powerful examples of the foresight and responsibility of His Majesty King Khaled and his ministers in taking positive and far-reaching steps to see that the future of the Kingdom and its peoples relies less on irreplaceable natural resources and external economic factors and more on the establishment of a firm and expanding industrial base within the nation itself.

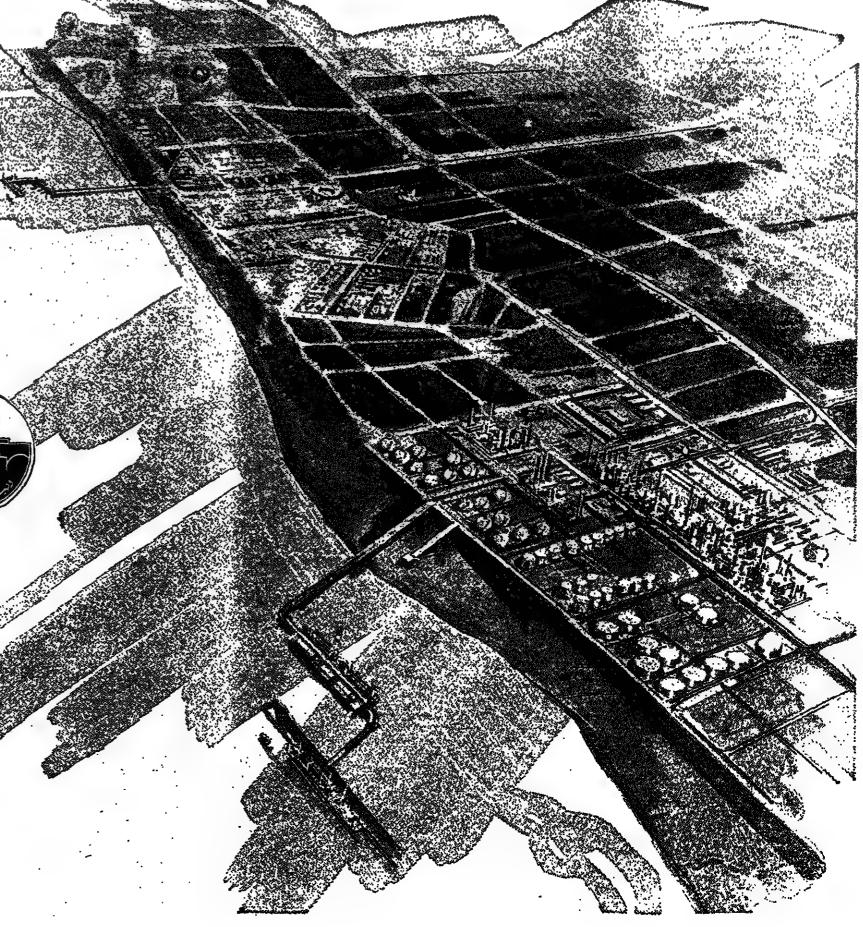
The Royal Commission for Jubail & Yanbu

The Yanbu Project covers arrarea of approximately 190 Km2 and will provide infrastructure facilities for a wide range of industries, including a crude oil terminal, an NGL

structure facilities for a wide range of industries, including a crude oil terminal, an NGL fractionation plant, refineries, a petrochemical complex, support industries and, in the long term, ore and mineral based industries.

Support facilities to be provided by the Royal Commission will include a new community for 150,000 inhabitants to house the population generated by the industrial development, a major port complex to meet the specialized requirements of the hydrocarbon and future industries, a new airport and an extensive road network, as well as all the necessary utility systems that will serve both the industrial complex and the community development; integrated power and water generation and distribution systems, waste treatment and disposal system and

Major construction support projects have been under way on the Yanbu site since March 1977, the most notable achievement being the temporary port facilities through which the crude and NGL pipelines are currently being imported into the Kingdom.



Taking off the begins

The object of the massive Saudi Arabian road building programme is to spread industrial and agricultural development to every region of the country - and so far, the aim is well on the way to being achieved.

Roads

SINCE THE beginning of the first Five Year Development the Juddan-Mecca dual curriage- total of 3,000 km. With im- for the most rudimentary level Plan, the road system in Saudi way presently under construct ported supplies now moving road. For mountain work, a

laid, mostly by Aramco in the Eastern Province. By 1970 and period, the paved-road network Saudconsult an extension to a great problem to contractors, had increased to 8.434 km. Abgaiq. and although construction durover 16.000 km., in addition to oped into a domestic tourist a further 13.000 of earth-surface area.

out a complete road system. If September at a total cost of summer residence in Taif. In time, is argued. Questions of security SR230m. also weigh heavily with the In the north, a road will is required, competition operating out of Dammam and construction of military can ultimately run from Rafha near between foreign companies is Jeddah has now eased. The

Important

Roads constructed so far have only begun to bite into the problem, for, apart from mam axis road, the most important highways built to date are the Tapline road, running alone the Saudi-Iraq border, a road south from the Jordanian border to Jeddah via Tabuk, skirting the Empty Quarter.

hinteriand are all but isolated.

originally to take in the relatively populous areas north-west of Riyadh. A more direct ment west of Riyadh to Halaban, Dammam — Al-Khobar region a build-up of sand.

Before 1934 only 237 kilo requests from coast to coast Before 1934 only 237 kilo riageway from coast to coast, reach its target of 2,500 km, by the Ministry, metres of paved road had been for which Cabinet approval has although a shortfall of about The actual valued mostly by Aramco in the trade hear given Over Aram. already been given. Ove-Arup 1,500 km is expected for the is handling the design of the whole plan period. the beginning of the first plan Halaban-Hofuf section and

short of the 5,000 km. target, progressing on two main roads, in Riyadh now estimates the along a parallel escarpment into total length of paved roads at the Asir, which is to be devel-

Ministry's Roads Department. into the Yemen Arab Republic, from abundant local sources. The goal of the programme, to Hodeida and Saada is being according to the Ministry, is studied by the American con nothing less than to integrate sultants Wilson Morrow, and the whole of this vast country they were tabled for discussion in order to spread industrial at the recent session of the in order to spread industrial at the Saudi-Yemeni Joint Commission, tain preferential terms in midable physical and bureau

coast at Jubail.

the Medina-Riyadh link and a of Al-Jouf is to be linked with blown sand. In the early sumroad south from the capital the Jordanian border by the mer, when the big winds blow Road links between the cen- Medina-Tabuk main road, where road can be buried in hours, The present highway from vince with Jordan. All but one series of bitumemised rubber commission feasibility studies strips are laid parallel to the for these.

Jeddah to Riyadh would dissection of a new Jeddah-Yanbu. Strips are laid parallel to the for these.

Aqaba coastal road are under to contain the dunes. Even so the transport Ministries of the contain the dunes. construction.

Meanwhile a Mecca-Halaban constructed in the five-year in desert country.

dual carriageway is being period to mid-1980 and for They also contri

ing the first plan fell somewhat To the south, construction is ports for 1977 almost double short of the 5,000 km, target, progressing on two main roads, those of the previous year and distance journeys, preferring to the Ministry of Communications along the coast to Jizan and cement in good supply. Asphalt take advantage of subsidised rural feeder roads laid by the The extension of these roads crushers for making aggregate this is reaching severe propor

tonments in the remote the Iraqi border to Hall and on intense. Italian contractors, market for heavy goods vehicles marches, at Hair Al-Baton and to Al-Vila and Al-Wejh on the faced with a complete shut off is now mostly absorbing excess the contractors. Tabuk in the north and Khamis Red Sea coast. By this road at home, have established a stocks ordered during the por Mushait in the south-west. traffic from the Central Pro- strong presence and account for congestion, but domestic out vince to Kuwait and the north- about one-third of all roads put, from the Juffali-Merceder east will be spared the tiresome built. But high overheads now National Automobile Industries detour through Riyadh and drive European tenders up to assembly plant, is increasing Dammam. BMMK is working 30 per cent. higher than bids steadily despite high plant over on the final plans for the Hail- from Korean or Talwanese neaus and is expected to excee Al-Ula section, which will ulti- firms, and many new European mately form part of a second arrivals are obliged to bid the main Jeddah-Riyadh-Dammam axis road, the most imcoast at Jubail

mately form part of a second arrivals are obliged to bid Long-term plans for new
mam axis road, the most imcoast at Jubail

> on the fistlands where roads are train a day. North of the Nafud the town vulnerable to flash floods and Wadi Sirhan and with the out of the Empty Quarter, a

sultants BMMK and is expected for the use of the use of

studied by a Saudi-Danish 10,250 km of rural roads. As expense of road building in distant possibility, and very had to be compressed into a Pressures on labour and specially built port at Ras Al- and Damyam, 5,500 in each of partnership, ZACO, with provi- in the first plan, actual con- Saudi Arabia. The original much dependent on an overall short period.

All these roads, along with financial year out of a proposed thought to be insufficient excep tion, are being subsumed under smoothly since the easing of cost per kilometre of more than

> The actual value for money looks even smaller, considering the vast distances to be crosse and the generally small popu lations to be linked. Although with construction material imvehicle imports rose to 4m. in Saudis take their cars on long is provided by the refinery at domestic air travel. Except dur-Ras Tanura (at a mere \$20 a ing the pilgrimage traffic conton directly), and most contrac- gestion is confined to the innetors have their own on-site and outer cities, and in Jeddal tions.

On the whole long-distance road haulage from Europe to Saudi Arabia seems to be on the way out, the hauliers having Saudi contractors receive cer- finally succumbed to the for-Social de. The link between Mecca and the tendering for contracts and have cratic hazards of the overland velopment and the present coast road at Al-Lith will be been well represented since run. But all freight out of the policy of administrative decen, completed by the Florentine Binladen built King Abdul Aziz ports is carried by road and this tralisation cannot proceed with company Tirenia Scavi by a road from Jeddah to the traffic will not abate for some

areas where greater experience. A severe shortage of truck Italian contractors, market for heavy goods vehicles 6,000 HGVs a year by 1979.

serious threat to road freight The terrain is difficult, not the sole railway in operation not up the mountains but also the 565 km, line from Damman only in the mountains but also to Riyadh, carries one freigh

Distant prospects are tral axis and Saudi Arabia's construction is well advanced and some of the methods for extension of the present Riyadhnorthern neighbours and except in a difficult desert stabilising sand are ingenious. Dammam line and a Jeddah-southern province are still poor, stretch in the centre. The On the Halaban road, BMMK Mecca commuter railway. The and the small cities on the line. and the small cities on the lip Tapline road will also be exchange over which and particles to Downton has stated that of Nafud desert in the northern panded to improve the connection will blow without sattling. A committee in Damman, has stated that a tion between the Eastern Pro- will blow without settling. A committee in Riyadh will soon

to contain the dunes. Even so the transport Ministries of extreme care must be taken, Jordan, Syria and Saudi Arabia west of Riyadh. A more direct Earth-surface road building since a single rock can form the met last month in Riyadh to route to the south has been has so far been concentrated nucleus of a dune and crash discuss the invitation of interunder study since 1966 and a around the small centres north- barriers and sign-posts must be national proposals to recontwo-lane road from the escarp- west of the capital, in the sited where they will not cause struct the 1,300 km. Hejaz Railway, built by the Porte in half-way to Mecca, has been and around the Holy Cities. In The periodic rains are even the early 1900s as a pilgrim line designed by the British con-fact rural roads for the use of more destructive. A February from Damascus to Medina.

desert section is still under design.

The second plan calls for and culverts are the answer, but the project was shelved a slow start by the Ministry of Cement, at 72m. tons, was the itself wary of aggravating the plan period. The backbone of although they look incongruous with the outbreak of the June, Public Works and Housing, the largest single commodity disproblem. All the estimated the Ministry's contribution are constructed in the five-year in desert country.

1967 war. In its present form programme for bousing poor charged last year at Saudi has Arabia's ports.

2000 km of main roads to be although they look incongruous with the outbreak of the June, Public Works and Housing, the largest single commodity disproblem. All the estimated the Ministry's contribution are programme for bousing poor charged last year at Saudi lm. tons of materials for the three identical projects for 2,000 cantonment will past through a units each in Riyadh. Jeddah They also contribute to the the project looks like a very and middle-income Saudis has Arabia's ports.

builders have been given top priority.

become extremely important in Sandi Arabia,

a country where accommodation is expensive anyway.

But material supply has improved and home

gramme, two ports at Qudayma expected to be signed by the end north of Jeddah and Ras Al- of this financial year. financial year in June.

With accommodation now again of an expatriate's salary, it is invariably borne by his employer, which has con- finance up to 70 per cent. of tributed greatly to the soaring private houses and 50 per cent. prices of tenders from Euro of those built for commercial pean and U.S. companies. The purposes, the fund started oper-problem now is expense, not ations in late 1975. Between shortage, for with a current that time and its closure, the surplus of middle level housing fund committed no less than companies can pick and choose. SR20bn. and made almost 80,000 Not so fixed-income tenants, loans for private housing. In Government servants or Muslim addition, loans for commercial expatriates, who are faced with buildings exceeded SR1bn. rents of up to ten times the pre-1973 rate.

livly as ever, with new blood Ministry has overall responsipouring in to join the old bility for the fund, went on teleestablished entrepreneurs in vision to explain new regulathis lucrative area. As in many tions for fund credit. The other matters, the Saudi attitude formerly high ceiling of is: if you cannot beat it, restrict SR300,000 for all private housit to Saudi citizens. The recent ing loans was to decrease with royal decree allowing Guif the size of the locality to a low nationals to own property in of SR100,000, which would also the Kingdom expressly stated have the effect of attracting that the land would be re applications from the very purchased at cost if it was not lowest levels. Likewise the comdeveloped within three years. mercial ceiling was reduced

But housing the poor in Saudi from SR15m to SR10m Priority would be given to people build-Arabia is, the most pressing ing themselves a home over problem for the Saudi Government. Since before 1973, the
drift from the country to the
ally young people, widows and
cities has led to overcrowding
divorcees with children, and and the proliferation of sub-those wishing to demolish and standard dwellings. Shaniy replace mud houses. All direct towns are almost as common a authority was taken from the sight as in Iran. The wholesale decay of old quarters banks sale decay of old quarters Sheikh Aba Al-Khail esti-through the draining of their mated that 100,000 dwellings, or problem.

One of the two new ministries and villages. created in October, 1975, the Ministry of Housing and Public

cantonment will pass through a units each in Riyadh, Jeddah satisfility, and very find to be compressed into a Pressures on issour and specially built part at less Al- and Danman, John in each or ndent on an overall short period.

supply persist, however, partly Mished on the Gulf, while the Holy Cities and 750 in Al-with Israel.

Port capacity, formerly a con-because both the private and offices will be opened abroad Khafii. Contracts for further straint, is now adequate public sectors must compete for the recruitment of labour, projects in Riyadh, Jeddah, Al-maintenant and specially built part at less Al- and Danman, John in each or discussion on the Gulf, while the Holy Cities and 750 in Al-with Israel.

Jamie Buchan According to figures released with an ambitious military For the State housing pro-Khobar, Qatif and Al-Khafji are

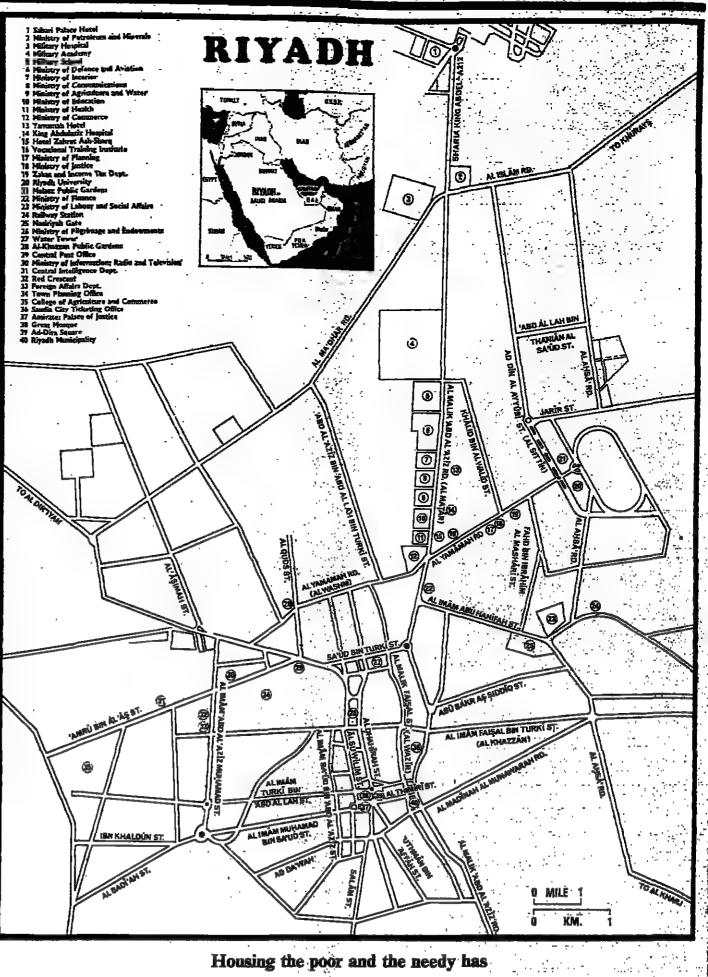
> Ghar north of Dammam were . Ambitious as the projects are, commissioned by the Ministry the Ministry realises that the of Public Works and Housing burden of the housing policy exclusively to supply housing must be borne by the private projects, and should be com- sector. In the next two years pleted by the end of the Saudi the activities of the Real Estate Development , Fund, which resumed extending loans in costing up to half as much February after a ten-month

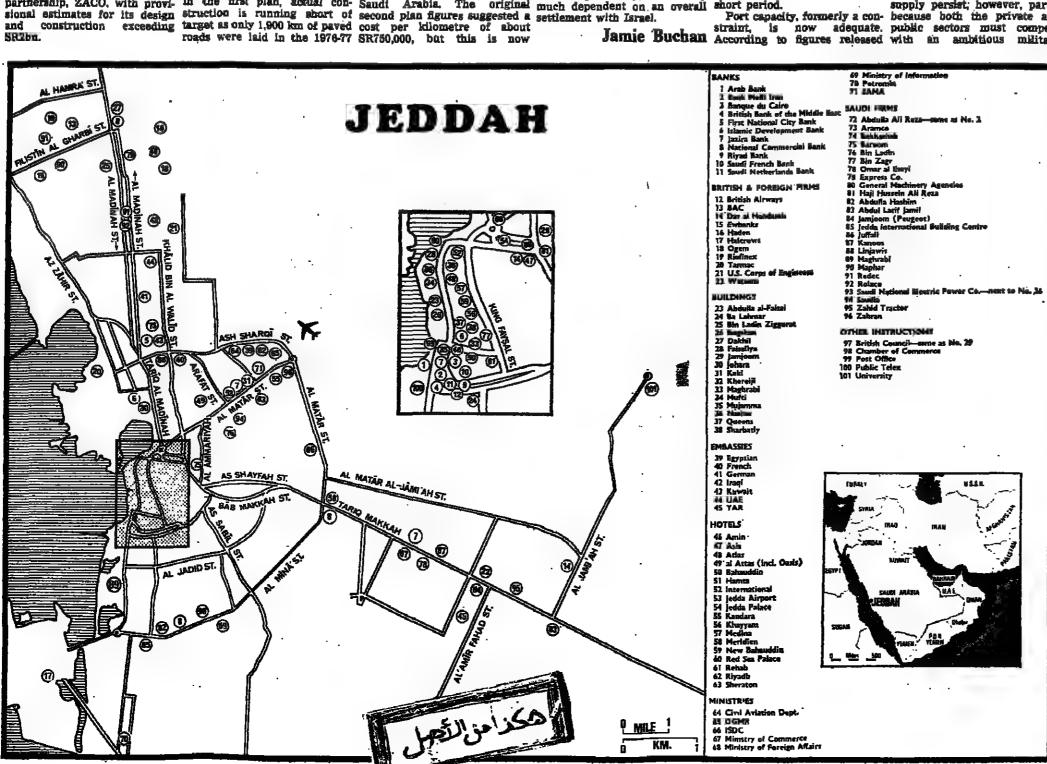
cruciai: Originally empowered to

After the breathing space, Finance Minister Sheikh Property speculation is as Muhammad Aba Al-Khail, whose

resources by unimaginative almost double the ministry hous-planning has compounded the ing programme, had been built with fund finance in 126 towns

Jamie Buchan





SAUDIA'S UNPRECEDENTED GROWTH

According to data recently compiled by the International Air Transport Association (LATA). Saudi Arabian Airlines ranked first among the 107 LATA member airlines, with a 78% increase in passengers carried during 1976, compared to 1975. An even greater increase of 1.770,000 in 1977 brings the total passengers carried last year to 4,700,000.

The 6,400,000 passengers expected in 1978 will he six times the one million or so passengers carried by Saudia just five years ago in 1973.

Taking off from small beginnings

Saudia has advanced a long way since 1945, when the airline's formation with 3 Dakota DC-3's replaced primitive means of long distance travel across the Kingdom.

Communications inside the Kingdom were revolutionised when King Abdulaziz bin Abdulrahman Al-Faisal Al-Saud, the founding father of Saudi Arabia, put to good use a DC-3 Dakota presented to him by the late President F. D. Roosevelt on 27 May 1945. The acquisition of two more DC-3 s in the same year marked the true start of domestic airline operations in Saudi Arabia.



The possibility of travelling comic tably and avoiding the lengthy land routes traversing the Kingdom decreed instant popularity for the novel form of air transport. Saudia's activity in the early years was to carry passengers and mail – somewhat irregularly – between Riyadh, Jeddah and Dhaham

When it became evident that three DC-3's were not sufficient to cope with the demand they had created, five DC-4's and five Bristol Freighters were added to the fleet. With thirteen aircraft of its own. Saudia was then firmly in business and on the path of an expansion programme that has continued uninterrupted ever since.

In the year 1902, which is regarded as a cornerstone in the history of the airline's development. Saudia decided to purchase ten Convair 340 that overnight put Saudi Arabia's cities within reach of each other in a matter of hours rather than days. The new aircraft also brought an unprecedented degree of comfort to air travel with their pressurized air-conditioned cabins, and provided convenient transport for Muslims on pilgrimage to the Holy Cities of Islam in Saudi Arabia.

Arabia.

i ham.

v. anyway.

12 2 P



Saudia goes International

With the airline starting to play a major role in the country's development, its worth was well proven and Saudi Arabia became increasingly air-conscious. More and more equipment was required, and in 1960 three DC-6 were purchased to start scheduled services to other Arab countries, to earn an even bigger share of the pilgrim traffic, and to move vital cargoes quickly and efficiently.

An important event in the history of the airline took place in 1963 when the late King Faisal pronounced by edict the formation of Saudia as a corporation, allowing it to operate as a commercial entity with its own Board of Directors.

In that year also a decision was made to purchase the world's then most sophisticated jet aircraft, and bring Saudia into the leading ranks of Middle Enstern airlines. With the acquisition of two new Boeing 720 B's. Saudia became the first airline in the Middle East to fly the big jets, and was able to extend its international network beyond the Arab countries.

By 1967 the airline had built up an exemplary safety record and standard of service when it was welcomed to membership of the International Air Transport Association (IATA). Two years earlier Saudia became a member of the Arab Air Carriers Organization (AACO) and various air travel associations.

Saudia began flights to Tripoli, Tunis and Casablanca in North Africa via Beirut and in so doing established the first direct link between the Arab East and the Arab West. Also in 1967 the first European route serving Geneva, Frankfurt and London was opened.



A non-stop Jeddah to London service was inaugurated on 1 May 1968 using two Boeing 707 intercontinental jetliners. Then in 1971 a direct service between Jeddah and Rome was begun, and an all-cargo jet service between Europe and the Kingdom provided the fastest onward connecting service for transatlantic

In 1972 Saudia's services reached 49 cities in three continents, including a domestic jet network linking 20 centres in the Kingdom. Its jet fleet became the most modern in the Middle East, with two Boeing 707's, two Boeing 720 B's and five new Boeing 737-200's.

the most sophisticated twin jet of its size in



To improve internal organization, Saudia opened its own Data Processing Centre in Jeddah. equipped with IBM 360/20 computers for use in its day-to-day business and long-

For the first time in a single year, 1973 saw Saudia carrying over a million passengers on scheduled services in addition to the many thousands of pilgrims and teachers carried on the airline's special flights (Saudi Arabia employs thousands of teachers from nearby Arab countries).

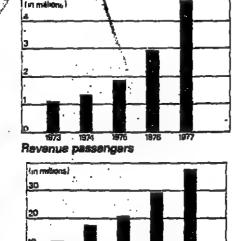
To celebrate thirty years of operation, in 1975 the wide-bodied long range jet TriStar was introduced. Thus Saudi Arabia was again the first M.E. carrier to enter the new jet age of wide-bodied aircraft. Also, domestic fares were reduced by 25%, to ease the hurden of the travelling public. It was therefore not surprising that over the next year ten new aircraft were added to the fleet and domestic passengers alone skyrocketed by 80%.

To simplify this passenger movement and give more convenience to the customer the "Arabian Express" shuttle service was introduced in June 1976 between Jeddah and Riyadh. Immediate success brought load factors exceeding 80°, and the total passengers carried each month averaged 44,000. In August, the service was extended to the Riyadh – Dhahran sector.

The Arabian Express service with its frequent flights, minimal formalities, and reduced fares, has opened up domestic air travel to a much wider public, and it is expected that passengers carried per month will soon exceed 100,000 on the Jeddah — Riyadh sector.

Expansion continues

Last year saw further expansion throughout Saudia. The number of passengers carried was increased by 60% and there was a similar increase in freight. A new passenger route was opened to Tehran and an "Airbridge" was established between the Kingdom and Bahrain in cooperation with Gulf Air. This airbridge with 18 flights every day coupled to the other Saudia services now provides rapid links east-west across the whole of Arabia.



Two Jumbo jets (Boeing 747's) were leased in June to provide direct flights from Riyadh to London five times per week, as well as



daily flights to Cairo. There are now 15 flights per week between the United Kingdom and Saudi Arabia.

Sophistication on the ground

To support this operational growth required an increase in employees to more than 10,000. Two-fifths of these employees are directly serving the customer at offices and airports spread over four continents.

Many recent improvements provide hetter service for the travelling public and cargo customers. An automated reservation system has been installed; new flight operations control centres have been established; completely modern freight handling methods have been introduced at Taif and Abha; Jeddah and Riyadh will have brand new cargo facilities this year; automatic flight management systems have been installed in the Lockheed TriStars; modern passenger facilities have been provided at Riyadh airport, and a new departure terminal has been equipped at Jeddah.

In space, bigh above the Indian Ocean and the Atlantic Ocean, two satellites transfer messages from Saudi Arabia to London and bring back the answers from a computer. The response time is less than three seconds which is comparable with or better than all other communications links of this type. This automatic reservations system replaces manual methods which used to handle the thousands of messages each day at great cost in time and effort.

Reliability is assured by using two channels of communications over the whole

route. Messages go by microwave and cable from Saudi Arabia to the master computer in London via either the Indian Ocean satellite or the Atlantic Ocean satellite. Earth stations in Riyadh and Taif transmit the ground signals into space.

In Saudi Arabia the system is on-line from the Jeddah Network Control Centre (NCC) to all the main Saudia reservation offices. The NCC is unique in its design and one of the most advanced in the world.

Passenger reservations from Saudia offices as far apart as Los Angeles. New York Stockholm, Geneva, Casablanca, Bombay and Kuala Lumpur will be linked into the system by teletype. Soon the master computing facility will handle Saudia business from the United Kingdom and

Egypt.

British Airways secured the contract for the automation of the Saudia reservations system. In competition with several major airlines with systems marketing experience, they were selected because they were large enough to provide all the necessary developmental support.

In Jeddah the airline has a computerised automatic call distributor system which is unique in Europe, Africa and Asia.

The ultra-modern communications network being established by Saudia will offer further attractive features. The master telephone system now integrates all Saudia telephones in Jeddah with central control of 1.800 extensions. Up to 14 operators can handle any incoming call so that optimum efficiency is obtained. There is an ultimate expacity of 5.400 extensions, with the

necessary number of city exchange lines.

The next planned innovation is a "direct in-dialling" feature so that an outside caller can self-dial any Saudia extension.

Saudia's modern, growing base

At Jeddah international airport a spacious well equipped departure lounge was completed in 1976. Construction of a completely new departure terminal is now well advanced, and by 1980 the new International Jeddah airport will be operational.

Saudia operations planning moved to a new Jeddah control centre in 1977 with up to date facilities. In London, a flight operations centre was established 12 months ago. This provides round-the-clock coverage for all European operational functions including crew scheduling, crew briefing and flight planning. Other flight operations offices were established at Riyadh and Parisairports.

Currently under construction in Jeddah is a new operations training building which will provide completely modern facilities later this year. New equipment for flight simulation, crew procedure training and cabin staff training will be installed.

During the past two years Saudia has been developing a new housing complex for staff on the outskirts of Jeddah. Known as "Saudia City" it will eventually provide 3,000 homes and is already accommodating more than 300 families. A new Social, Athletic and Cultural Centre in Jeddah provides Saudia staff with a range of sports and other activities.

Just completed this month is an extension to Saudia's headquarters building to provide a much needed acre of additional floor space.

(See below).

As well as passengers on scheduled services, every year a massive movement of pilgrims (Hajis) takes place when millions visit the Holy Cities of Mecca and Medina. In 1977, in conjunction with other airlines, over 500,000 Hajis were airlifted. In the smoothest ever operation of this type Saudia showed, how its facilities could be expanded to efficiently handle this large extra number of passengers over a very limited period.

Saudia's specialist services

Saudia also caters for other special needs. Special Flight Services (SFS) is a separate division of the airline which operates a fleet of light aircraft. The division has the important job of carrying cabinet ministers and senior government officials on affairs of State. SFS also provides a charter service to remote locations in the Kingdom not covered by Saudia's scheduled services.

The addition of two Grumman Gulfstream

The addition of two Grumman Gulfstream jets in 1976 boosted the non-stop flight capability to 3,000 miles, and late in 1977 this highly successful venture was expanded by the addition of two more Gulfstreams.

From the plans laid in 1963, when the Air Cadet Programme was founded, training



activities have multiplied to keep pace with expansion. In 1977 the highest ever number of flight crew received training and Saudia now has 450 qualified pilots and engineers.

In addition to the usual training requirements associated with airline operations. Saudia is playing a unique role in manpower development. The airline recruits the majority of its work force from students at varying educational levels from junior high school graduates to university graduates. They are enrolled in programmes of two to seven years in duration and on successful completion are assigned permanent positions.

Besides flight training and long range educational programmes extensive courses are conducted in aircraft maintenance, sales and service, cabin attendant services, ticketing and reservations, operations services, finance and data processing.

There is also a management development programme which began in 1972 and receives an equal degree of emphasis. Its objective is to prepare potential managers to fill vacancies in the corporate management structure and to upgrade the general standard of management.

Saud	ia's	FI	80
AIRCRAE	7 7 7 9		207

TOTAL	24	25	35	42	64
GRUMMAN GII	-	-	-	2	4
FORMER F 27"	-		3	. 3	31
BEECHCRAFT	-	-		1.4	2
CESSNA 421-8			2	2	2
APACHE 235		2	2	2	2
CONVAIR CV-846	6		6	_	
DOUGLASTIC .	ė	-2	ŝ	ŝ	-
POUGLAS DC 81	-	-	-	-	3
ROBING 747*	-	-	-	-	2
BOEING TO	ь	7	7	13	16
BOSING TOUR	2	-:	1	2_	2
BOEING 707	4	-1	7	7	10
LOCKHEED TRISTABLE WIT		- '	2	Б	à

The table shows the growth of the Saudia' fleet during the last five years. Maintaining this large and diverse fleet of aircraft presents a continuous challenge to the two thousand men in Technical Services. Division, particularly since inspection of all equipment used on Saudia aircraft is carried out to standards exceeding those stipulated by both manufacturers and world civil aviation authorities. Similar thoroughness is applied even to equipment that will in all probability never be called into use such as emergency lifecrafts and jackets. More than one riyal in every seven riyals of revenue is allocated for maintenance.

Future expansion

Although the second 5-Year Plan of the Kingdom is generally regarded as being ambitious. Saudia exceeded the five year targets for passengers and fleet growth in the first two years.



Saudia's rapid advance is a direct result of the material and moral support of the government under the wise and able leadership of His Majesty King Khalid Bin Abdul Aziz and His Royal Highness the Crown Prince Fahad Bin Abdul Aziz and the relentless efforts put up by its employees who undergo extensive training programmes in accordance with the highest international standards.

When interviewed in Jeddah last month Sheikh Kamil Sindi. Director General of Saudia, emphasised the importance of the airlines investment in training. Several training centres have been established as well as the air cadet programme which is unique in the Middle East. At present Saudia has 158 trainees studying on courses outside the corporation in addition to 162 undergraduates, of which 123 are at universities outside Saudi Arabia. For operations and maintenance there are currently 195 being trained as pilots, flight engineers and flight operations officers, and 141 as technical state. Altogether 2500 employees have been under training during the last six months including 818 who have enrolled themselves in the education assistance programme.

Another important factor is anticipation of the fleet requirements by effective planning and research. Saudia's fleet now has 54 aircraft including eight TriStors.



Three years experience with the Lockheed Tristar have shown it to be the most comfortable large jet for long distance travel. Also, Saudia is the first airline to equip its TriStars with the new computerised Flight Management System, the only such automatic device in existence. These are the most advanced wide-bodied jets in the world and are fitted with the Rolls Royce RB211-524 engines which gives greater performance and a range up to 4.450 miles.

By the end of 1978 there will be 10 advanced TriStars in the fleet as well as 19 Boeing 737, two Boeing 720, 10 Boeing 707, and two leased Boeing 747. Services and facilities will be further enlarged to give a better service to both international and domestic passengers.

Sheikh Kamil Sindi was in London last December at a celebration to mark the tenth your of operation in the U.K. Ten years ago Saudia had a single Boeing 720 on the route Jeddah, Beirut, Geneva, Frankfurt, London, with a senting capacity of about 500 per month.

From such small beginnings Saudia has become the largest Middle East Airline with 12 passenger flights per week from London, mostly in wide-bodied jets such as the Boeing 747 and the Letott TriStars. This gives a scating capacity of over 15,000 per month. There are also three cargo flights per week from London, carrying 500 tons per month.

Another indicator of Saudia's huge growth in the U.K. is the number of its local staff. Ten years ago Saudia employed five people in London. Today that number has risen to 215. Figures for passengers flying from London are 1976 – 82,000, 1977 – 78,000, and for 1978 a figure of 100,000 is forecast.

A new route to Athens is planned for this summer. Extended routes to the East as far as Japan and to the West as far as the United States are being considered.

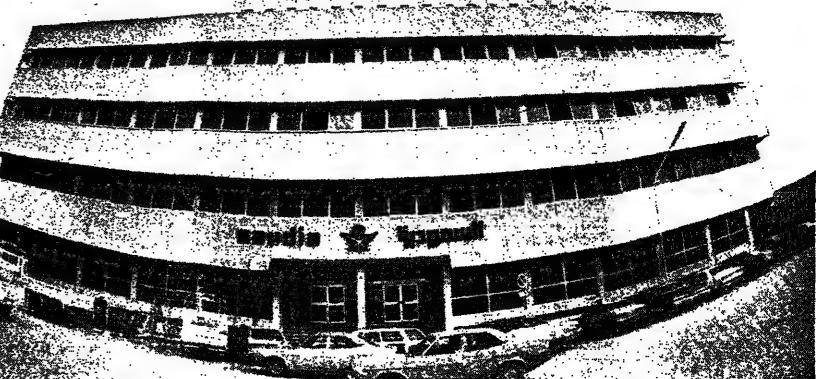
Between 9 and 10 million passengers are

forecast for 1980. In 1979/1980 Sandia will operate an

In 1979/1980 Saudia will operate an "International Airport Catering Unit" at the new Jeddah International Airport. This Catering Unit will give the airline total supervision of its food requirements including hygiene and bacteriological control, and provide the means for maintaining and improving the high quality of its food service. The unit is being established with the assistance of S.A.S. Catering Services, who are leaders in the field of airline catering.

Sheikh Kamil Sindi paid tribute to the continual support he had received from the Chairman of the Board of Saudin,
His Royal Highness Prince
Sultan Bin Abdul Aziz, Minister

of Defence and Aviation.
and his Deputy Prince Turki
Bin Abdul Aziz.



Saudia's 13-storey headquarters in Jeddah featuring the recently completed extension on two floors.

Rashid Hospital

another of the Middle East locations where the HepSieve vitrified clay underground drainage system was specif The Middle East case for clay is overwhelming. It's immune to the sort of conditions that spell inevitable failure for some substitute materials. Having been proved in service over centuries, clay pipes have changed only for the better in that

they are today stronger, longer and lighter, with push-fit joints that speed and simplify laying.

Stocks are held in agents' depots in all major areas of development. Hepworth specialist staff resident in Dubai, Bahrain and Amman are backed by the combined resources of tunnel kiln plants located in the Lighted Kingdom. of tunnel kiln plants located in the United Kingdom. Europe and in the United States.



MID-EAST?

Your freight forwarder is

STANDARD

Conventional shipping. Heavy haulage. Project shipping. Combined sea/road service via Samsun

Door-to-door express TIR trailer. Door-to-door refrigerated trailer. Door-to-door container service with 20'. 35' and 40' containers. Ro/ro service from UK via Dubai to Kuwait. UAE and Saudi Arabia.

 Rail groupage and full load service from Kings Lynn and Grangemouth to Iran, Turkey and Iraq. Daily road groupage departures from Greenford (Standard's terminal) to Teheran and Istanbul.

STANDARD DELIVER-

THROUGHOUT THE MIDDLE EAST

STANDARD FREIGHT FORMARDERS LTD.

100 Brompton Road, Knightsbridge, London SW31ER Telephone: 01-584 6635 Telex: 895685/6



A.P.T. ALSAADA PROJECT **TRANSPORT**

You have problems that will not go away Then let us transport them away We offer a most reliable and experienced service in

> Custom clearance, Forwarding. Overland transportation, Door to door service, . Heavy lift,

WITHIN THE KINGDOM OF SAUDI ARABIA

To have your problems solved, just contact our transport managers in:-- :

Telephone: 27860

JEDDAH : P.O. Box : 5305 Telex -: 40229: Telephone: 48497-45749 : HAPPYCO Cable DAMMAM : P.O. Box : 1778 Telex 60125

: ALSAADA Cable RIVADH P.O. Box : 1576

Telephone: 68045 : ALSAADA

Our representative will be visiting your area shortly. Should you wish him also to visit you, please let us know.

SENATEWISE LIMITED

International Staff Consultants

To Trade Industry Banking Shipping Construction Engineering Petrochemicals & Telecommunications Licensed by the Department of Employment

5 Calbourne Road, London SW12 8LW. Tel: 01-673 8520



Students at the College of Agriculture, Riyadh University.

There is no difficulty in finding the money to finance Saudi Arabia's ambitious plans for the expansion of education.

But some problems, such as the shortage of Saudi teachers, cannot be dealt with overnight, and it is accepted that change to the educational structure will have to proceed slowly if the conservative nature of Saudi society is not to be damaged.

Education

MINISTRIES in Saudi Arabia bear greater responsi bility for how its citizens will survive the stresses of modernisation than those of education and higher education (created separately in October, 1975). In their hands is the dilemma of how to adapt conservative Islamic traditions to modern and more independent and materialistic thinking without losing sight of the essential virtues and values of Saudi society. There is, too, a simultaueous drive to produce Saudi manpower to cope country's economic development. The result is inevitably an educational system shot

through with paradoxes and

contradictions. The Saudi Government is this field and has not shied part-timers. away from spending on a buge scale on this sector. Education has regularly taken between 11 and 13 per cent, of the annual budget, (\$2.3bn. in 1977-78), third or fourth after defence, communications and municipal and rural affairs. Over 15 per cent.-SR74bn. (\$21bn.) out of SR489bn. (\$142bn.)—of the current development plan is being spent on education. Expansion has thus been considerable. There are now over im. pupils \$ I at all levels, compared with As at October 29, 1977. about 700,000 at the beginning of the decade. The increase has been most marked at inter- all too plain. Teaching is not ment in higher education staff mediary and secondary levels. an attractive profession to from the current level of 30 Last year, the equivalent of a Saudis when compared with the per cent. to nearly three-

level graduates are to rise from 1.703 to 7,158, while enrolment Religious which in 1976-77 according to the Higher Education Ministry Understandably was 23,610, of whom 14 per teaching plays a major part in are hard to compute, particu-cent, were women, is to rise education, and 12 out of 150 larly in a society the exact size

Arabia Monetary Agency B.Sc. course at university. Jammaz, some 45 per cent. of grandly sums up the govern- Nevertheless, the drive to the population can be taken to

The paradoxes which this According to Dr. Mahmond which will take several years to in Riyadh and Dammam.

NUMBERS OF STUDENTS AND TEACHERS BY LEVEL OF EDUCATION

1975-76

	2010-10								
Windowskian .	pupils	Male pupils	pupils	Tehrs.					
Kindergarten	15,485	8,957	6,525	439	92				
Elementary	686,108	439,502	246,606	34,483	3,497				
Intermediate/	154,488	106,671	47,817	8,788	718				
Secondary:	48,826	34,970	13,856	2,616	212				
Teacher training	14,651	10.587	4,064	1,139	62				
Technical education	4.063	4,063	_	619	21				
Special education	1,804	1,550	254	630	45				
Higher education	26.437	21,127	5.310	2,133	· —				
Adult education;	95,341	68,082	27,259	13	1,743				
Others	10,791	9,818	973	316	111				
. Total	L057,984	705,327	352.667	51,176	6.501				

especially at kindergarten and elementary levels. 7 Specially for made to reshape the approach 2,000 studying for MAs at least only too aware of its tasks in deaf and blind. ‡ Anti-Illiteracy schools, all but 13 teachers are to subjects by defining them less out of a total of 20,000 students

1:	976-77 <u>8</u>		•	
	Total pupils	Teachers	Schools	
Kindergarten	832	51	3	
Elementary	466,836	25,188	2,987	
Intermediate	123,548	7,926	669	
Secondary	44,036	2,263	190	
Teacher training	10,363	815	39	
Technical education	5,169	785	27	
Special education	1,690	711	52	
Higher education	n.a.	12.S.	D.R.	
Adult education	n.a.	11.8.	D.S.	
Others	D.S.	D.8.	II-R.	
Total	652,474	37,735	3,967	
Includes Ministry of Educat	ion schools	only, others	excluded.	
s at October 29, 1977.		Ministry of		

underlying

new school was opened every attractions of other jobs. As a quarters. result the dependence on non- Ideally, the teachers Saudi 1975-80 plan has Saudi Arabs, mainly Egyptians, Arabia would require to encourambitious targets. The number Jordanians and Palestinians, is age personal analysis and exof elementary pupils is to rise high. In 1975-76 non-Saudis perimentation would come from from 618,878 to 1,041,163 (and accounted for over half the the West, but this is unthinkschools from 2,899 to 4,467); on number of teachers, with the able in Saudi Arabia's Islamicthe intermediate level from greatest concentration of Saudis based educational system and 120,410 to 230,052 (schools from —78 per cent.—in elementary society.

557 to 991); and on the schools. These foreign teachers The government is pressing secondary level from 35,444 to are regarded as being indus-through technical schools to de-72,486 (schools from 141 to 231). trious but too often not suffici-velop the country's agricultural Students in teachers' training ently interested in education to and industrial skills. But the colleges are to rise from 15,689 experiment with new terh-Saudi background in technical ta 27,487 (the number of instiniques. As a result the tradicactivity is well known, and even tutes from 46 to 60); in technical tional methods, with enormous more notorious is Saudi relucinstitutes from 3,685 to 14.405 dependence on rote-learning, tance to take part in manual (schools from 16 to 37); adult with its origins in the rhythmi- work (while there are others to literacy programme is to expand cal learning by heart of the do it and more money to be from 84,433 pupils to 519,831 Koran, and unadventurous and made elsewhere). (and schools from 1,114 to unquestioning respect for the 3,327); and on the university written word, are preserved.

religious The exact levels of literacy hours of credits is required on of whose population is un-The annual report of the Saudi religious studies, even for a full known. But according to Dr.

ment's priorities whereby "the Saudi-ise teaching is going be under 15, and that of those emphasis is not placed merely shead. According to Dr. Saud aged between 6 and 15, 90 per on expansion of the number of Jammaz. Vice Minister for cent. are literate. Above that educational institutions but also Technical Affairs, 90 per cent. age, he believes, 55 per cent. on uplifting the quality of of Saudi teachers are graduates literacy prevails. For women education through better plann- of the equivalent of secondary over 15 the illiteracy rate is ing of school facilities and school. Ten teacher training about 90 per cent. But just in equipment, upgrading school colleges have been set up to the process of furthering educacurricula with a view to provide accept half its pupils from tion and literacy, there is a risk (sic) a scientific and practical secondary school direct and the of driving a wedge between orientation to the learning other half from current teach- generations. process, and improving education is that within a Saudi Arabia, however, is not in the figures above, part-time students and students by continual methods by retruiting decade all elementary teachers lost for ideas and experiments.

The figures above, part-time students and students by continual methods by retruiting decade all elementary teachers lost for ideas and experiments. The figures above, part-time students and students by continual methods by retruiting decade all elementary teachers lost for ideas and experiments. qualified teaching staff and will have had at least two years But dogging the system is one

educational drive throw up are Safar, Deputy Minister of iron out. While Saudi Arabia painful. The disadvantages of Higher Education, the long-term is attempting to adopt concepts existing teaching methods are aim is to raise the Saudi ele- of education which imply a

of college education.

is presented in the context of the remainder in Britain, social studies, and arithmetic as Europe, the Middle East and part of general mathematics. Pakistan. The third drive is directed acknowledged that this is perhaps the easiest aspect to

gress exists. But leaving these problems But there is now an increaspupils (costing SR3.1m. — western way of life. The reform and modernisation. But \$900,000) at the beginning of the second stems from concern around gradually, as officials are decade to 468,166 in 1976-77, about costs, for in the last year only too aware, if irreparable costing SR342.7m. (\$100m.). A some universities have been damage is not to be done to the second benefit has been in having difficulties with their second benefit has been in having difficulties with their conservative nature of Saudi

cognised career structure, the on the move, but in 1977 there of these facilities. facts of the present system on were four mobile teams catering One particularly striking the whole reflect the dominance for the tribes when they settle aspect has been the expansion of of tradition, influence and par- near their waterholes.

According to Dr. Jammar teachers, especially on the frequently better than those of there are three main thrusts in secondary level, proven to the men. But careful segregaols educational policy at present falsify marks. But again, under tion is practised to ensure that The first, already mentioned, is American influence, there are shared facilities are not used to improve the standard of efforts to concentrate less on simultaneously, and lectures are teachers. The second is to re- the outcome of one exam a year watched on television. Paraform curricula. Currently, and more on spreading the load doxically, the Directorate of curricula—except at the higher of assessment through a com. Girls Education is a governlevels—are generally modelled bination of one examination mental authority independent on those of other Arab and performance over the year of the Education Ministries. But countries, in particular those. In higher education, there is with unsuitable Egyptian-French almost total worship of the characteristics. Progress here doctorate. At present there are has been disappointingly slow, perhaps 300 PhDs in the exist-Includes private sector of 62,220 pupils and 1,411 teachers, but even so efforts are being ing six universities and over society. individually, and more are part studying abroad. Of these at of broader topics. Thus history least 8,000 are in the U.S., and

> towards school building. It is EXISTING achieve and that the production is not so much to establish new university level. There is, too, of schools does not ensure a new universities (although the prospect that standards may educated population. But in possibility of setting up an slip as universities have been defence of this, officials argue exclusively female university is ordered recently to accept any that the massive building pro- at present under study) but in Sandis with a secondary level gramme does ensure that the building campuses in new certificate rather than insisting framework for educational pro- centres attached to existing on specific levels of qualificauniversities.

educating and help to settle the budgets. Third, as the domestic society, bedouin. It is impossible to cope system expands it is felt to be with those who are perpetually wasteful not to take advantage

women's education. Possibly Examinations have been par- because there are fewer distracticularly problematical, and tions, their academic record is while this advance must be -recognised as a bonus, it will eventually raise difficult ques tions about what the role of women should be in Saudi

And the standards reached in general? Independent observers reckon that graduates of the University of Petroleum and Minerals in Dhahran, which has a special status and links with American universities, are on a par with degree earners in either the U.S. or Britain. Eise where, their graduate standard Within the Kingdom; the aim is reckoned to be on a first-year

aside, the educational pro- ing trend on the lower levels emerges is uneven in shape with gramme has had some undeniable benefits. One is the students at home. The first and bright, up to date ideas. But it subsidised school meal system tacit reason is to limit the is attached basically and broadly which has expanded from 17,866 exposure of students to the to a system which badly needs

A.McD.

UNIVERSITIES AND COLLEGES IN SAUDI ADABIA-1079

H	activity is well known, and even	CHIVENSITIES AND CO	LLEGES	IR JA	IUDI A	TADIA-	-19/	8	
, i-	more notorious is Saudi reluc- tance to take part in manual work (while there are others to	This	Campus/	opened.	1974-75	1975-76	1976-77	1977-78	Girls
ď		t University of Riyadh	Riyadh Abha	1957	7,000	8,000	9,000	10,000 n.a.	yes
e	An additional drawback is a illiteracy in a society in which a	Islamic University	Medina	1961 1963	200 1,200			500 2,200	no no
	has rarely proved to be a politi- cal disadvantage.	King Abdul Aziz University	Jeddah Mecca	1967	3,000	4,000	5 1	7,500 n:2.	yes
\$	The exact levels of literacy 5	. Imam Muhammad ibn Saud Islamic	Medina					·· 1.2.	
D	larly in a society the exact size	University	Riyadh Abha	1950	200	300	_ 400	500	110
Ĺ	of whose population is un- known. But according to Dr. 6			1975	·	100		350	yes
)	Jammaz, some 45 per cent. of the population can be taken to 7	King Abdul Aziz Military Academy	Hofuf .	1976	-		75,	200	e.
ï	be under 15, and that of those aged between 6 and 15, 90 per 8	(Ministry of Defence)	Riyadh	1955	٠.			D.Z.	по
r	cent. are literate. Above that age, he believes, 55 per cent.	(Ministry of Interior)	Riyadh	1935			- :	na.	no.
S	literacy prevails. For women over 15 the illiteracy rate is	(Winister of Dolones)	Riyadh	1970	_ 			na.	nio .
ř	over 10 the interacy rate is N	NOTES:					•		

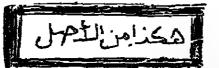
In addition to about 25,000 college level students at the various institutions of higher education in Saudi Arabia, there are an estimated 20,000 Saudis studying at universities abroad, of whom half are in the U.S. The numbers abroad jumped dramatically due to the large numbers sent on military scholarships, and to the addition of wives of students to the rosters of eligible students.

In the figures above, part-time students and students by correspondence (mostly women who

There are an additional five junior colleges in Riyadh, Mecca, Gassim, Medina and Abha for incompatability teacher training. There are an additional two science and mathematics teacher training centres

Source: Hassan el-Husseini, University of Petroleum and Minerals.

Party In the



The contracting market in Saudi Arabia is the biggest in the world, and the rewards for a foreign operator prepared to abide by the rules and run the contract according to the local conditions are considerable. With the growing emphasis on industrial projects, the trend now is towards the setting up of joint Saudi-foreign companies with specialist capabilities.

Contracts

NOTIFIEDY CANFIGATI to be im- Government's award of con- knowledge that the support they all but that the Government shareholders or to enter a joint and help the foreign company he cost of some of the biggest country. and industry makes the King.

made in contracting in the come in on the really massive

Kingdom were anything like as contracts on a cost plus basis—

his section of the biggest contracting exort market in the world at the now that the dust has settled.

rojects being postponed in-efinitely), and the Governent's cancellation of a numer of major contracts in the erly part of last year. On that istry threw out the lowest bid r the telecommunications exnsion programme and revarded contracts for the conruction of some power stations Third World firms—alleging both cases that the Western intractors involved had been nspiring together to inflate eir prices. In practice the ent did not lead to any neral discrimination against estern firms, which it was oided continuing to rely inly on western firms no Rier what its preferences

alght.

... 1 d 27.7 J 2015 5 *-275 10.00

....

2002

10 ... (2) 45.

2000

3

1.0

. b. 0.5

- 1 E File

 $\mathcal{A}^{\pi i}$

100

4=45,4—1978

...

1574

hether one is looking at the ially should be given a chance eries of equipment parks to prove themselves, and that in which stretch for mile after the recruitment of labour there offe down the Khopar Dam should not be too great an innam road, or trying to grasp flux of manpower from any one

Of course the whole cancellaprojects (the gas gathering systion "crisis" raused the quesem alone is now priced at tions of whether the Saudi Ison-plus), it is not difficult Government was not an unduly o believe that the building of inflexible client for contractors. andi Arabia's infrastructure and whether the profits to be om the biggest contracting exhave got used to working in run the biggest contracts on a Saudi Arabia is that if a confixed price basis. For instance, So inevitably over the past 12 nave got used to working the Saudi Arabia is that if a conmonths contractors have been tract is run well by the con. there are still major decisions ery sensitive to every muance tractor, the profits can indeed to be made on the type of equip-! Government policy, follow- be considerable. Similarly it is ment to be used in parts of the ag the slowdown in spending felt that the Government's seawater treatment plant which which has involved some big terms, although different in is being installed to reinject some respects from the interna- pressure into the south Ghawar tional norm, are not unreasonable-on balance.

Generally speaking both the Saudi Government and Aramco casion the Ministry of In award contracts on a fixed price Purchasing lump sum basia, because although this may work out more expensive, it seems that the Government at least sets store by knowing in advance what each job is going to cost it, and anyway lacks the manpower to monitor too many escalation clauses or cost plus contracts. Not unnaturally this practice has made contractors in Saudi Arabia acutely inflation conscious—all the more so because ared at the time might folto predict. Western contractors often claim that here they are at a disadvantage vis-a-vis Asian

by the sheer scale of tracts, it is that all major con- receive from their governments requires a bond of 1 per cent. venture agreement with a Saudi win contracts. The interpretahe construction operation now tracting nations should receive will protect them against loss to be posted when the bid is partner. Until recently, though, tion of "help" is now acquiring

> the disadvantages in the system. bond, and on the receipt of the operate without a sponsor. In practice quite a number of first advance payment from the operate without a sponsor. contracts do contain escalation provides a cash bond, under Formula clauses—sometimes linked to which it guarantees to repay the cost of living in the King-to the Government any cash dom or to an iron and steel price that it has received beyond the index. Also a lot of the higgest amount due for work already contractors, and particularly those firms which are also inthe consensus among firms that fact it would be impossible to performance bonds enforced. nil field-and this contract has been under way for four years

tractors to profit from their more generous advance pay manpower. inflation rates in the Kingdom to provide materials promised the 55 per cent material on site their contracts and labourers on the due date. In these cir- instalments would normally be who have had their sponsorship w from the cancellations— over the two or three year life on the due date. In these car- instalments would normally be who have the two or three year life cumstances there can be a 30 split into two parts—one of transferred, quite apart from hough it is hard to see how of some contracts infiation rates or 40 per cent. difference them being paid on delivery of left-over Hajis, has so far between the "going-in" and the the materials to the contractor proved extremely convenient "coming-out" price.

When it comes to actual bid- To bid at all for a contract firms, which can put in bids ding procedure, the system in in Saudi Arabia a contractor Above all the major role of would in the west. There may problems that he would anyin as much as any blas can based on optimistic predictions Saudi Arabia is that Aramco now needs to establish a Saudi the Saudi sponsor or partner is be a time lag of three or four where with the delivery of discerned at present in the of inflation rates, in the saze does not require bid bonds at company with Saudi partners or to spot business opportunities months between the deadline materials, he does not have to

office in Saudi Arabia a share of Saudi business, that should their projections prove submitted. When a bid is ac a firm could make do with just an increasingly legitimate the bid is ac a firm could make do with just an increasingly legitimate the bid is ac a firm could make do with just an increasingly legitimate the bid is replaced a sponsor, or, if it was working a character, as the days of "buycepted this bond is replaced a sponsor, or, if it was working character, as the days of "buy-That at least is the theory of by a 10 per cent performance for the Government, it could ing the decision" seem to be he disadvantages in the system bond, and on the receipt of the obtain a temporary licence to dead or dying in Saudi Arabia,

sponsorship to joint shareholding company - the role of the completed should it default on Saudi parties involved can vary the contract at any stage. volved in project management, the contract at any stage, enormously; according to the merchants leaving the com- and Aramco work has to be contracting in Saudi Arabia in come in on the really massive. Finally on completion of the abilities and preferences of the panies they have helped build and Aramco work has to be contracting in Saudi Arabia in come in on the really massive. job the contractor provided a Saudis themselves and the 5 per cent maintanance hond foreign firm. In some cases the though their sub-contractors to guard the Government foreign firm may want nothing sophisticated elements of the have fixed price contracts. In against the consequences of the fixed price contracts, in against the consequences of the fixed price contracts. more than to fulfil the legal faulty workmanship. Only very requirements and then be left rarely does it seem that there glone to "do things its own have been instances of bid or way." But in other cases the being Saudis may be used to help find components in the joint concalled, and nor as yet has there accommodation, office space, been any published instance of land for equipment parks and a 5 per cent, penalty clause for warehouses and facilities such late completion of work being as telex and telephones, as well as helping sort out supply prob-The normal savance payment lems and arrange block visas considerable degree the corrupin Saudi Arabia is 20 per cent, for the workforce, which on any international significant size joh must be pronorm). Then the confractor re- vided and housed by the conceives 55 per cent. of the in- tractor. (Since the end of the stalled value attached to each Hajj last year, the Government tions. At the same time there is jiers in the contract as the has apparently become more considerable scope in some cases relevant material arrives on worried about the problem of contracts is becoming a quick for a contractor to avoid agree- site, followed by a further 20 pilgrims staying behind in or uncomplicated process. Any ing a final price until he has per cent paid in stages as the Saudi Arabia after the rights contractor who wants to do a completed most of his purchas job is completed and finally are over, and it is now insisting ing of materials—as Chiyoda did the remaining 5 per cent on that contractors engaged on with the Riyadh and Jeddah acceptance—this 5 per cent be Government projects do not hire refinery contracts. And it is also ing replaced by the mainten- local labourers who are not possible sometimes for con- ance bond. Apart from the Saudi nationals. This pool of composed clients' failure to honour supply ment, this system differs from labourers who have managed to first contract—must maintain a Finally the contractor has the clauses, if, for instance, they fail international practice in that stay on after the completion of Kingdom even when he is not modation for his labour force on

and the big merchants involved in joint companies with some of

the bigger contractors seem less and less inclined to win con-Under any formula - from tracts for their affiliates through the use of their name or personal connections. Rather, the trend is very much toward the merchants leaving the comconsiderable pride in the professionalism and aggressive marketing capabilities of the Arab

tracting companies. This, though, is not to say that the contracting business in Saudi Arabia is entirely devoid of corrupt practices, and to a different tion now involves westerners, who may be bribed to give a favourable enginering report or to influence contract specifica-

Nor does it mean that winning worthwhile amount of business in Saudi Arabia over a reasonably long period—and there is no doubt that second and subsequent contracts will be easier Accommodation and more profitable than the first contract-must maintain a Klugdom even when he is not modation for his labour force on engaged in a project. Then every job worth more than projects, new opportunities are once a contract has been about \$50m. But once the conannounced and tenders invited tractor has his labour on site he for the introduction of new the whole process of submitting can probably be more certain of processes and techniques. The for contractors, saving them the company takes two or three he can in Europe or America. a bid and generally marketing completing the job on time than

decision on the contract.

already has a licence. Then be as little as 20 or 25 per cent. there are still small localised The list of delays, additional bottlenecks affecting supplies of costs and special features of various services, bits of equip- the Saudi market looks danntment or materials. There can ing, but in practice a contractor be bad bureaucratic delays if who understands how to work the decision taker in the minis in the Kingdom can do very try or State organisation with well. With a major turnley which the contractor is dealing contract there will probably be happens to leave the Kingdom, a sufficient lead-in time, while or become involved in the fan- the contractor is doing the tastically time-consuming proto- design and purchase work, for arrivals and departures of offi- the building of accommodation cial delegations in the Arab to be completed to coincide world. Bureaucratic problems with the contractor being ready such as these may be accentu- to begin construction. It is ated by Ramadan and the Haii- mainly with Aramco, which will though Westerners tend to normally supply the design and exaggerate the impact that these materials itself, and may somedown life in Saudi Arabia, .

may involve the mobilisation of immediately. labour, which for Government his estimate of the amount of and size of workforceinvolved abroad, to a maximum total of 400 per colossal advantage, block visa. Normally this Nor should outsiders be put process takes anything from one off Saudi Arabia by the assump

Finally the contractor has the times as long as it normally Although he may have the same

for bids and the Government's contend with bad weather and industrial disputes.

At the next stage it may take Overall the delays and the a contractor four or five months extra expense of importing and between winning the contract housing mean that the cost of a and being able to start work. It labour-intensive project, such as is difficult in Saudi Arabia to a housing scheme, may be obtain permits for using radios double what it would be in the and explosives, and rather than west. However, the additional trying to obtain an explosives cost of an industrial project, permit it normally pays a con- where there is scope for pretractor to sub-contract the blast- fabricating large pieces of plant ing work to a local firm which in the supplying country, may

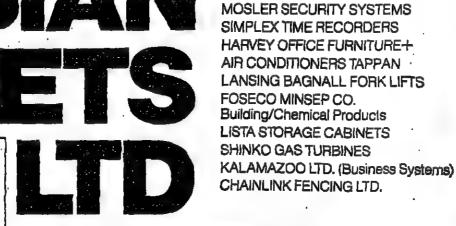
which accompanies all the recruitment of labour and two months have on slowing times provide accommodation as well, that the contractor has The most serious delay of all to try to gear himself up to

At all times the secret of up to win contracts on their recruited outside the Kingdom to be logistically orientated. A own merit. Among the more and imported under the block vastly greater proportion of a visa system. This system works contractor's time has to be as follows: after having his bid orientated towards matters of accepted, the contractor submits control-of transport, supplies labour required to his client, does in the West. There have and once the client has been instances of companies approved the figure an applicat going bankrupt through having tion for a block visa is made to had bad internal transport, or the Ministry of the Interior, having found themselves em-This Ministry in turn will ploying too great a number forward authorisation to the of expensive European and Saudi embassies American workers. In permitting context a really good and them to Issue individual visas to experienced contract administrahowever many people the con- tion staff-with an extra flair tractor is bringing in from each for exploiting the fixed price country—say 100 Pakistanis, 100 lump sum system to the con-Indians and 200 Taiwanese—up tractor's own benefit — is a

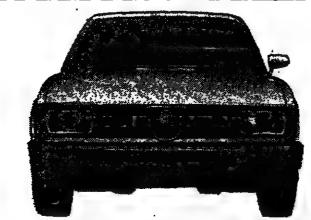
> three months though in tion that the market is already abnormal cases there may be sewn up by firms that have additional delays. established themselves in the Kingdom. As the emphasis in construction tends to move from infrastructure and housing to industry and a whole range of more specialised and more numerous but smaller continually being thrown up trend in the Saudi contracting business now is towards the establishment of joint Saudiforeign companies with specialist orientation.

Michael Field

SAUD RABI

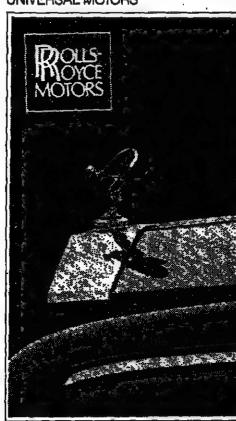


Agents for: SHELL LUBRICANTS (Western Region) **ROLLS ROYCE** ALFA ROMEO ASTON MARTIN LAGONDA (1975) LTD. DEXION LISTER ENGINES and GIN SETS MOSLER SECURITY SYSTEMS SIMPLEX TIME RECORDERS HARVEY OFFICE FURNITURE+ AIR CONDITIONERS TAPPAN LANSING BAGNALL FORK LIFTS FOSECO MINSEP CO. **Building/Chemical Products**



SUDAN AIRWAYS OVERSEAS NATIONAL AIRWAYS AIR CANADA Handling Agents for: SYRIAN ARAB AIRWAYS **GULF AIR CARGO LUX** Showrooms: UNIVERSAL MOTORS

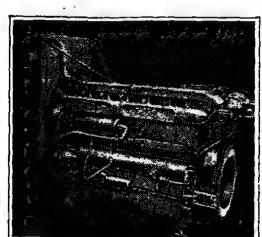
Also Agents for:



MEUBLE FURNITURE ALA-EDDIN JEWELLERY Affiliated Companies: **GRANADA TRADING &** CONTRACTING **DIHAN CONTRACTING &** DECORATION CAIRO COMMERCIAL & CONTRACTING CORP. (CCCC) Partners in: PENINSULAR AVIATION SERVICES CO. HISPAN ARABIAN TANKERS SHIPPING CO. TAYLORPLAN-SAUDI ARABIAN MARKETS CATERING FIRST ARABIAN CORP. S.A.

TIHAMA FOR ADVERTISING

& PUBLICITY





BRINGING THE BEST ROMALLPARTS

SAUDI ARABIAN MARKETS LTD

P.O. Box 65 Jeddah, Tel: 23140/32774/23603 Telex: 40067 Markets SJ

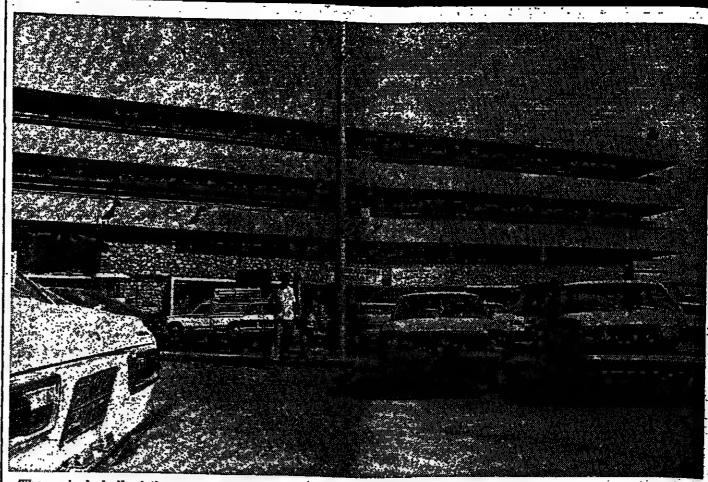
ALKHOBAR BRANCH P.O. Box 48 Dhahran Airport Tel: 44116 Telex: 67065 Markels SJ

RIYADH BRANCH P.O. Box 246 Tel: 27860 27820 Telex: 20271 Markets SJ

MEUBLE BRANCH Show Roomi P.O. Box 1403 Jeddah Tel: 53930



SAUDI ARABIA XXXIV



The arrivals hall of the new £20m. airport built by Laing Wimpey Alireza at Abha. A further £225m. contract is due for completion early next year.

The national airline, Saudia, was the fastest growing member of IATA in 1976, and is the biggest carrier in the Middle East. The remarkable growth in air traffic in the Kingdom has posed formidable tasks, but these have been successfully tackled in a busy programme of construction, purchasing and training.

Air services

EARLIER THIS year Sheikh when 4.7m. were carried (with may only have to wait an hour. At the end of last year Planning Minister, cited as an per cent.). achievement of the 1975-80 Now Saudia has a fleet of 54 demand for seats falls within the pared with 4,500 in 1973. The Development Plan the fact that 7475 (leased), eight Lockliced times of year departure halls can ally expanding training. Saudi, the national airline, had TriStars (owned), 11 Bosing become unbearably crowded and facilities (most Saudia staff increased its fleet by 10 more 707/720 passenger aircraft (all police have sometimes had to receive all their training in the aircraft than had been targeted but one owned) and 16 Boeing supervise the issuing of board- Kangdom) and a constantly in the plan, and carried 3.1m. 787s (.wned). It also has four ing passes. The airline now growing administrative and passengers in 1976 against the freight aircraft (all but one of reacts more flexibly, putting on technical capability. The air-

and that a country with an annual revenue of well over Domestic SR100bn. should have no difficulty in buying additional aircraft for its airline.

a considerable achievement for Saudia. Actually acquiring aircraft may be relatively easy, but quickly expanding staff and operations to handle them and fitting them into often crowded airports is more difficult. Saudia has to cope with all the probcountries—especially the smallness of the pool from which to on with airline practice. Because of its size it inevitably needs a larger administration than its equivalent in other countries, SR60 fare to Medina is less and this must function effi-than it costs to get there by ciently. Despite occasional teething troubles Saudia has a welldeserved reputation for opera- yet been connected to tional punctuality and efficiency. metalled road system.

Its growth has been phenomenal by any standards. Accord- problems of handling the high Saudi Arabia does not allow ing to the airlines public volume of reservations on its split charter flights, which affairs division its capacity internal routes, Saudia in 1976 would be the main competition (expressed in available tonne introduced a no-reservations with IATA freight operations. kilometres) rose by 61 per cent. service for economy class pas. Inevitably the aircraft carry in 1976 and by a further 46 per sengers: tickets are exchanged virtually nothing on flights out in 1970 and by a further to per sengers; tickets are exchanged virtually nothing on nights out debt is provided interest-free cent. last year to stand at for boarding passes the night of the Kingdom, but achieved debt is provided interest-free 1.24bn. Passengers carried rose before or on the day of travell- a 44 per cent overall load factor by the State's Public Investment by 71 per cent in 1976 and by ing and passengers who do not in 1977, which in the circum. Fund. by 71 per cent in 1976 and by ing, and passengers who do not in 1977, which in the circum-

Hisham Nazer, Saudi Arabia's a passenger load factor of 57 or so until the next departure. Saudia had nearly 12,000

them leased DC8s) and ten small extra flights to meet peak line does all overhaul work on executive aircraft in its Special demand, and it tends to meet its Boeing 737s and the 100-The cynics might say that the Flight Services division, which the pilgrimage traffic and the hour maintenance checks on its contrast between target and caters for officials and business twice-yearly ferrying to and other Boeings and its TriStars, achievement simply indicated men. It was the fastest growing from Egypt of about 60,000 A tight acreening process planners underestimated the largest carrier in the growth of the Saudi economy. Middle East.

Executive sircraft in its Special demand, and it tends to meet its Boeing 737s and the 100-the pilgrimage traffic and the hour maintenance checks on its catery of about 60,000 A tight acreening process planners underestimated the largest carrier in the growth of the Saudi economy. Middle East.

For first class passengers of the nation's manpower. The there is still the security of a arribe still gets considerable and that a country with an

where the airline operates an enormous number of services (including more than 100 flights week each way between Jeddah and Riyadh, a route on which nearly 1m. passengers were carried last year). To a considerable extent Saudia prolems airlines face in developing for economy class passengers vides a social service—its fares were cut by 25 per cent. in 1975 draw potential staff and the un- and so air travel came within familiarity of many passengers reach of almost everyone in the Kingdom. It now costs only SR140 to go from Jeddah to Riyadh economy class, and the than it costs to get there by shared taxi. Saudia operates services to towns that have not

a further 50 per cent last year get on to the flight they want stances is impressive.

The system works well when employees on its payroll com-

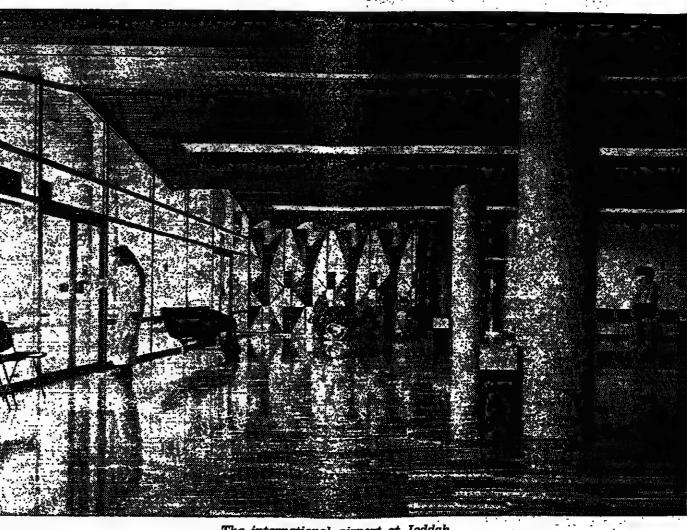
reservation service and Saudia's technical and business assistcomputerised system now works ance from TWA, which helped The majority of Saudia's passengers (some 3.4m. in 1977) are carried on domestic routes, those who know how to go about half the airline's captains and Last year Saudia carried 1.3m. international passengers it the flight crews) is especially operates 12 flights a week from high on the TriStars and 737s. Jeddah and Riyadh to London, So far there are few Sandi all but one either by TriStar or Boeing 747. Saudia is the only airline to operate either international or domestic scheduled Hampered flights to Riyadh (there are five flights a week from London); this exclusivity is offset by the fact that the airline does not operate flights to London and Paris from Dhahran, leaving this route mainly to the European carriers.

The airline also offers 14 allthe freight services a week from the Kingdom to European cities To solve the administrative using mainly DCS aircraft.

seat occupancy. For middle level posts. Well over internal flying in Saudi first officers are Saudis and the cans (who make up the rest of flight engineers.

Because of the cut in fares, which led to revenue dilution and because of the start-up costs associated with very fast growth, combined with inflation, Saudia made a loss in 1976 of SR122.3m. — against operating revenue of SR1.17bn. general the international flights make profits, but the domestic flights, mainly because of the need to operate a social service, collectively run at a loss, and financially hampered by the

James Buxton



The international airport at Jeddah.



OUR ACTIVITIES COVER GENERAL TRADING IN HOUSEHOLD APPLIANCES. ELECTRIC AND ELECTRONIC EQUIPMENT ALSO MECHANICAL AND ELECTRICAL ENGINEERING CONTRACTING, INSTALLATION AND MAINTENANCE

I Verulam Buildings, Grays Inn., W.C.1. Phone: 01 242 0681/5.

mta Mideast Trading Agencies

P.O. Box 2105, Phone 34903 13000 MARSEKLES 40, bd Dunkerque, Phone 903026 Telex 401418.

P.O.Box 8441, Phone 349068 1040 BRUSSELS 39, roeMontover, Phone 5111787, Telex61850.

Our Branches Cover all Main Regions of Saudi Arabia

COMMERCIAL ACTIVITIES

Head office,

Branches,

JEDDAH,

RIYADH

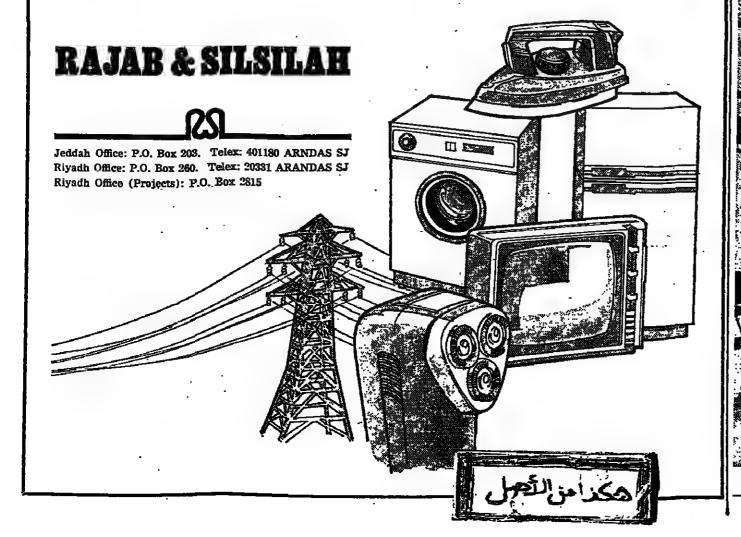
- Agencies for a large number of international companies
- Leadership in marketing electric equipment
- Most modern showrooms for various international products, such as: household and domestic appliances, electric and electronic equipment etc.
- Network of sub agents and distributors throughout Saudi Arabia
- Continuous efforts and improvements with a view to keeping

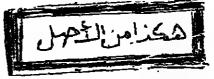
pace with the most modern developments in the world.

33; rue Galilee, Phone 7237224, Telex 620615.

ELECTRICAL PROJECTS

- Installation and maintenance of power stations, extensions of H. T. networks and beautification and street lighting projects
- Installation of lighting and sound systems in the two Holy Mosques. the Ministries, Chambers of Commerce and Industry, large hotels, sport stadium and gardens
- Best scientific equipment and systems for universities, conferences and simultaneous interpretation etc....





Saudi Arabia has not joined the international tourist circuit. Most of its visitors are businessmen or pilgrims, and the country has no need of tourist revenue. But as the guide below shows, Saudi Arabia contains large areas of great beauty and outstanding historic interest.

Sightseeing

GUIDED TOURS and package rewarding than in the open sea), and humidity of the coastal ment centre irrency earned from tourism the country as a whole. mistive, snap-shofting holiday. Sca's incomparable coral reef is always clear and fresh.

maker. Yet it is visited in the can only be savoured along the

The turn itself is most a

million of them, are the Moselm strange ruined palace of King pilgrims coming to Mecca for Saud, is heavily frequented now. the half. Their interest is in To get away from it all one must the Holy Cities and their scope curve on norm to the long the Holy Cities and their scope arrive on norm to the long for sightseeing beyond that is empty beaches south of the limited. The other class of fishing village of Rabigh. visitors, whose numbers are uncounted but who fill the Desert Kingdom's hotels to saturation point are the salesmen, consultants and contractors who Wadi Fatima, inland of Jeddah among the almond trees, the leaving great pits some 100 m.
sightseeing is restricted too, water. Agriculture in the lower largely by the cost of an extra source of much of the city's apricots and the prickly pears. across and 130 m. deep, with

" growing

ed in a busy

i training.

er in the Middle

un has posed formi

and snorkeling (which is less km inland of Jeddah, The heat feet is a community develop- on the Dhahran road. At cor- elegant trees, offer a perfect from the monsoon rains. The on the horizon

7,92 71 1 5 4 2 - 7-35. ्र हा

122

120 77

-: -: -: -:

Hampered

as no need for the foreign in any way representative of sinuous road which climbs the visiting.

variety of possible outings. A some 23 km. north of the village desert iban that. The obvious cliff on the eastern side of the can lose oneself in the wood and half way back to the Eastern Province the can lose oneself in the wood their impressive rock cut tombs, and some car is the other extreme of the can lose oneself in the wood their impressive rock cut tombs, and some car is the other extreme of the can lose oneself in the wood their impressive rock cut tombs, and some car is the other extreme of the can lose oneself in the wood their impressive rock cut tombs, and some car is the other extreme of the can lose oneself in the wood their impressive rock cut tombs, and some car is the other extreme of the can lose oneself in the wood their impressive rock cut tombs, and some car is the strange sand or visit the strange sand of the can lose oneself in the wood their impressive rock cut tombs, and some car is the strange sand or visit the strange sand of the can lose oneself in the wood their impressive rock cut tombs, and some car is the exquisite little oats or visit the strange sand or visit the other extreme of the can lose oneself in the wood their impressive rock cut tombs, their impressive rock cut tombs, their im north of the city, whose swim, and are carpeted with wild flowers in the right season, Aziz stopped here to water his by traditional wooden dhows. I have concentrated on the and Sakaka reveal a troubled out to it. Strip building along lemon trees. The only sounds of migratory birds in the Wadi came before making his They lack, however, the great easy outlings from the three past in the huge, crimbling south shores has left few and are of bird song and running town, while to the west the walled city of Rivadh, back in read Bart the Factors Barding Bardi

mountain's escarpment; at the the does not welcome the in- The real pleasures of the Red top, and in Tail itself, the air recommend a drive to the oasis

Most of these foreign visitors, site, an hour's drive to the stocked than that of Jeddah and pean milk cows are also successmillion of them, are the Moselm strange ruined palace of King comfortable and its new ing places to visit, however, are Government buildings, set in an those where geological faulting first century of Islam, more water supplies of which we hear ancient rock carvings which may so much to-day. go back to 3,000 B.C. or earlier. In al-Kharj itself the ground

the pitter agreeable places to A longer and more exhausting, state, it was destroyed after a try again.

coach parties are unknown to A sophisticated sports resort, plain are left behind as one permanent exhibition of handi-Sandi, Arabia. The Kingdom the Creek is too crowded to be winds along the spectacularly crafts and produce, also worth

For a longer outing one might

of al-Kharj, 80 km. south of The town itself is most attrac. Riyadh. The oasis itself is very to the year by rather open sea and at best some way tive, its well-kept streets lined extensive and fruit, cereals and the favourite Twenty Nine Palms pepper trees it sound more richly the city. Large herds of European contract the pepper trees it sound more richly the city. Large herds of European contract the pepper trees it sound more richly the city. ancient fort, of considerable has revealed the extensive architectural interest. In the underground reservoirs beneath valleys around the town there the desert. Rarely does one have are ancient dams dating to the the chance to see these ancient

town, while to the west the walled city of Riyadh, back in reef. But the Eastern Province Treek is offered by the delight- turning north along the Mecca. good place for picnics.

Completely the course of the to the tilt of the peninsula, more kingdom's history. It is also sweet water bubbles to the surface areas, told that the sight of the face from the underground lovely special structures here.

though more impressive trip long slege in 1818 and left Quite different geological the gates of Damman and ex-cultivated in little mountain oasis its name (Jauf means Sporting facilities include can be made in the day to Taif, abandoned. The ruins can be structures, but ones which also tends north along the coast for terraces; its ancient villages are "depression") are pain groves atting (usually in small the Kingdom's summer capital reached in 20 minutes by taxt exert a tourist attraction, are many kilometres: the broad the most photogenic in Arabic, and grassy fields in which herds the great red sand dunes at sandy alleys, running like with high mud houses hung with of cows graze in strange contact skiing, fishing, swimming altitude of 1,700 m. some 190 which has sprung up at their Khurais, 150 km. east of Riyadh bridgeways between avenues of rows of tiles to protect them trast to the soaring sand dunes.

sightseeing is restricted too, water. Agriculture in the lower the Jeddah.

Those with a taste for the hotels, but some find themselves is much depleted due to the days to wait when it may pay to take the mind off work.

Jeddah, the main business are luxuriant palm gardens in a variety of possible outings. A some 23 km, north of the variety of possible outings. A some 23 km, north of the village tarks than that. The obvious of the sweet water at the bottom of them. This water is raised continuously by diesel tain times of the year large afternoon away from the heat people, dressed in cartwheel water at the bottom of them. This water is raised continuously by diesel tain times of the year large afternoon away from the heat people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of them as to feed the watering at the wells there.

Whost famous, yet least easy of them as the people, dressed in cartwheel water so of access, of Saudi Arabia's watering at the wells there.

Whost famous, yet least easy of them as the people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of them as the people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of the desire than the people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of them as the poople, dressed in cartwheel water so of access, of Saudi Arabia's watering at the wells there.

Whost famous, yet least easy of them as the people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of them as the people, dressed in cartwheel watering at the wells there.

Whost famous, yet least easy of them of thems.

Whost famous, yet least easy of them of thems.

Whost famous is a first-class air fare.

Whost famous, yet least easy of them of thems.

Whost famous is a first-class air fare.

Whost famous is a f

Arabia, but I should also men- amazingly on its rocky pinnacle crowded sections of public water.

town, while to the west the willed city of Myadi, back in reef. But the Eastern Province Arabia, but I should also men- amazingly on its rocky pinnacle and the control of the interest in the province Arabia, but I should also men- amazingly on its rocky pinnacle and the control of the interest in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the period of the interest in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the pinnacle in the province Arabia, but I should also men- amazingly on its rocky pinnacle in the pi completely the course of the to the tilt of the peninsula, more remote but beautiful to date back to the second cenhey specilise in elegant Friday across to the Creek. A ruined either. Most interesting and converged the reservoirs. This is the region south west and the picturesque town with one of the oldest mey specified in diegant rivery across to the creek. A runned entirer, most interesting and couraged the American geolo- of the really vast cases of tall valley of Najran beyond. Abha, mosques in Arabia, that of the The small castle is perched on a hillton most accessible is the ruined gists, who had almost given up slender date palms, of dense capital of the Assir, and Najran, Caliph Omar, still intact with hope of finding oil in the midiounds, and the flourishing sail- the slopes below it are covered the palm-filled. Wadi Hanifa. Once capital of the ancient Saudi
counds, and the flourishing sail- the slopes below it are covered the palm-filled. Wadi Hanifa. Once capital of the ancient Saudi
counds, and the flourishing sail- the slopes below it are covered the palm-filled. Wadi Hanifa. Once capital of the ancient Saudi
counds and the flourishing sail- the slopes below it are covered the palm-filled. Wadi Hanifa. Once capital of the ancient Saudi
counds. The small castle is perched on a hillton most accessible is the ruined gists, who had almost given up slender date palms, of dense capital of the Assir, and Najran, Caliph Omar, still intact with undergrowth giving the impress- can both be reached by air, and its lovely stone-built minaret.

1930s, to go back to Dhahran and country in the impress- can both be reached by air, and its lovely stone-built minaret.

1930s, to go back to Dhahran and country in the impress- can both be reached by air, and its lovely stone-built minaret.

1930s, to go back to Dhahran and country in the impress- can both be reached by air, and its lovely stone-built minaret.

1930s, to go back to Dhahran and country in the impression of a European woodland.

1930s, to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the impression of a European woodland.

2930s to go back to Dhahran and country in the im

Justly famous is the tury BC. Below the castle are Assir province of the the ruins of an entire stone-built

bonus attractions of the place. The nearest airport to Medain Salih is that of al-Medina some 350 km to the south. A fourwheel drive vehicle is needed at present for the last 15 km the trip, over sandy track, and permission to visit must be obtained from the Ministry the Interior. For all that, it is a trip through beautiful mountain scenery into a landscape steeped with the history of the old incense caravan route, a trip so well worth the

Edward Alexander

In the last few years, Saudi Arabia has moved

forward at a pace rarely matched by any nation in the world. Today, under the energetic leadership of the Government, the country's vast resources are being directed towards improving the welfare of every Saudi citizen, and achieving a rise in his standard of living.

One of the most important areas of activity has been in the architectural and construction industry.

Many projects are under way. These include building in the public service sector: airports, hospitals, schools, offices and housing projects are planned. The flourishing commercial activities of the Kingdom have given rise to an increase in investment-orientated construction work. And, to accommodate the many non-Saudi nationals engaged in the completion of the Second Five Year Plan, a vast number of housing units are being built.

The demand for aluminium

The fulfillment of these projects has created a huge demand for a local source of supply of semi-fabricated and finished aluminium products for use throughout the Kingdom.

> Aluminium Products Co. Ltd. (ALUPCO) has been formed to meet this demand.

As well as the production of extruded sections for specific projects, ALUPCO has facilities for machining and assembly. Windows, doors, interior partitions, curtain walls and many other aluminium building products will be available from the company's 60,000 m2 rented site at Dammam.



In 1975 a twelve year contract for technical and engineering co-operation was signed between ALUPCO and the Swiss Aluminium Co. Ltd. (Alusuisse), one of the largest international companies specialising in the aluminium industry. Within the framework of this contract Alusuisse has prepared all the engineering designs and feasibility studies for the ALUPCO project.

On February 2nd 1976, ALUPCO signed an agreement with the Saudi Industrial Development Fund for a longterm loan of SR 47 million. In 1976/77 ALUPCO signed over 100 contracts with various local and international companies for the supply and erection of the Dammam facilities and equipment, and in May of 1976 work began.

The site became operational in August 1977.

Training for the future ?

ALUPCO's two plants at Dammam will employ upwards of 400 people when they are fully operational,

The extrusion and anodising plant has an annual capacity of 8,000 tonnes from two production lines. The fabrication plant has the capacity to machine up to 800 tons of

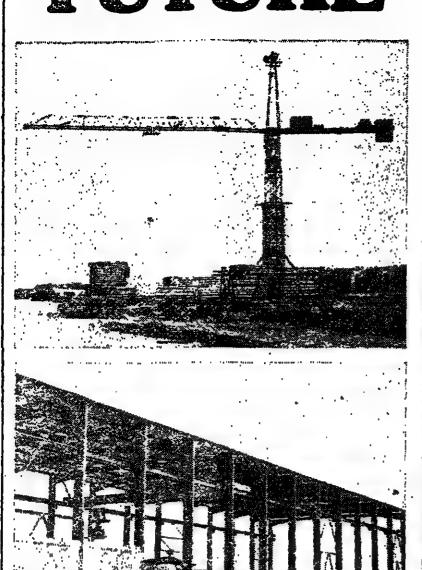
extruded products. ALUPCO has acquired the services of more than twenty European personnel whose long experience in the aluminium industry will assist in the technical, financial and commercial aspects of the

company's activities. With the Saudi future in mind, ALUPCO places great importance on the training of Saudi personnel. Schemes are planned at

every level. Saudi Arabia's aluminium industry is vital to the development of the country's future self-sufficiency. ALUPCO is proud to be the first industrial aluminium complex of its kind in the country.

ALUMINIUM PRODUCTS CO.LTD

P.O. Box 2080, Dammam, Saudi Arabia. Tel: 24934, 29847, 20789, 20184. Telex: 60148 ALUPCO SJ. Cable: ALUPCO



From our plant on the outskirts of Riyadh we produce pre-cast concrete elements for buildings, of all kinds and types of construction.

We produce and sell ready-mixed

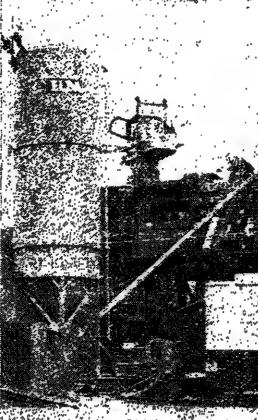
We act as consultants in the field of pre-cast concrete engineering and

We are general contractors and land developers.

Our engineers, architects and consultants are fully qualified to handle all our projects on a turn-key

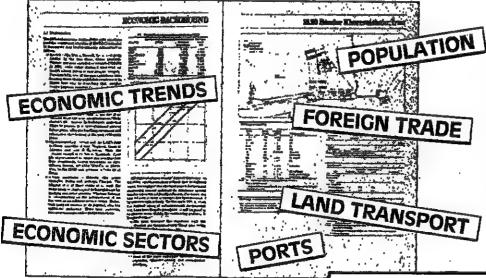
And we are proud to be involved in Saudi Arabia's development programmes.

Betonbau-Koch-Arabia Ltd. P.O. Box 4215, Riyadh, Tel: 64496 Kingdom of Saudi Arabia



Betonbau-Koch-Arabia Ltd.

If you're doing business in the Middle East, it's the next best thing to an open book.



Bahrain Iran iraq Kuwait **O**man Oatar Saudi Arabia **United Arab Emirates**

What you MUST know about Middle East trading

Gray Mackenzie & Company Limited are members of the Inchcape Group of Companies. They have a wide experience of Middle East Trading. But they needed to know more.

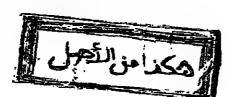
The oil boom of the mid-seventies had altered traditional trading patterns, and so in early 1977, with international consultants Peat Marwick Mitchell, Gray Mackenzie began a process which results now in the publication of "Gulf Patterns".

In this 60,000 word volume, widely illustrated with maps and charts, all of the economic factors which will affect trading with eight Gulf States. are examined. The information contained within "Gulf Patterns" will be valid into the eighties.

If you want to do business in the Gulf, this research must play an important part in your planning. "Gulf Patterns" will be available at the end of May. It can be ordered only from Gray Mackenzie and costs £50 a copy - not a high price to pay for knowing that you will know too!

FIRST EDITION ORDER To Sir Rae McKaig Gray Mackenzie & Company Limited 40 St Mary Axe London EC3A 8EU __ copies at £50 each to Please send Our remittance for £

Gray Mackenzie's 'Gulf Patterns'



SAUDI ARABIA XXXVI

The emergence of Saudi Arabia as a unitary state owes almost everything to the daring initiative and inspiring leadership of one man-King Abdel-Aziz ibn Saud. In this article the late David Holden, the chief foreign correspondent of the Sunday Times, who was murdered in Cairo last December, summarised his heroic and lasting achievement.

The father of the Kingdom

crete sprawl of modern Riyadh, the Saudi Arabian capital surrounded by camera shops, perfume bazzars, and honking streams of traffic - stands a small, round-towered fort of mud to which every visitor should make his pilgrimage. Its name in Arabic is the Musmak: and just three-quarters of a century ago it was the site of one of the most famous battles in Arabia's history when a tall young warrior of the House of Saud led 15 of his companions in a successful assault upon its gates, put the defenders to the sword in the name of God, and proclaimed the revival of his own clan as the lords of central

To most visitors in Saudi Arabia to-day that dramatic little affray seems about as remote as the battle of Agincourt is from contemporary Europe. Yet it marked the birth of Saudi Arabia as a modern nation, and the young man who led the raiding party is still honoured above all others, not just as the present Kingdom's founding father, but as its architect and guide through the next

He was Abdel-Aziz Ibn Abdel-Rahman Ibn Feisal al-Saud, commonly known to the world beyond Arabia as Ibn Saud, and the scale of his achievement between the capture of Riyadh in 1902 and his death in 1953 has established for him an unshakeemarkable son of Arabia since

could fear to see in a lifetime, with his qualities as a soldier that deserves to be called tical ringmaster of the Middle and in 1891 he was forced to that grasp of statecraft which is heroic, Abdel-Aziz had become East and the virtual oilmaster, the father than the fa join his father. Abdel-Rahman, yet more highly prized by the too old and tired to know quite of the world. in secret flight from Riyadh, swinging out on camel-back Pinned into the desert by night suspended alongside his sister. Prayer, women and perfumes.

In fact, there were few who of all his enemies. felt any concern for its fate. those days were so isolated and austere that only three Europeans had reached Rivadh 19th century.

Endemic

Tribal wer seemed endemic, blood. security was unknown and beyond Arabia's own shores the formed the nucleus of the downfall of the Saudi clan current Saudi State: they and immemorial small change of Abdel-Aziz's legacy. But the desert custom,

wider vision, conscious that his an extra dimension that in his family had once enjoyed a his. first years even Abdel-Aziz tory of more than merely local could not foresee. rule. One hundred and fifty forced the doors of the Musmak years before, one of his ances—at sword-point, virtually the tors had made an alliance with whole of Arabia was innocent a great religious teacher of his of any technology that had not day, Sheikh Mohammed Ibn been common already in the Abdel Wahhab, dedicating prophet's day. Yet within 30 Saudi strength to the promotion years the motor car, the wireless and purification of Islam and the aeroplane were helping throughout Arabia. The Wahhabis, as they were known and more stable kingdom than (although in Arabia itself the any Arabian ruler for a term is rarely used) had swept thousand years. They were also, all before them in Arabia for as we now know so well, opening several decades under Saudi the way discovery and carried the way to be discovery. leadership, capturing Mecca, harrying Oman and even plundering foreign shipping in the Arabian Gulf.

Abdel-Aziz was raised in this family tradition that united the rigours of desert warfare with the virtues of the faith. His father was an exceptionally and the traditional desert sports -camel and horse riding, hunt-bankruptcy. ing and sword play. Sitting in Kuwait in unwelcome idleness he resolved to resurrect the family kingdom through the old paign for the unification and independence of Arabia.



ments in Saudi Arabia in 1947.

Arab chieftain through a wards what we now think of as have to learn. who was one of the first Euro- half-blind, peans to meet Abdel-Axiz in national his prime, described him as a \$300m. a year-2,000 times Saud family was in grave dis. type." His hands were fine, she face of the country was starting and the new. order and its rule over the sur- noted, with alender fingers, yet to show, for the first time, those that singular triumph that a rounding province of Nejd was he had "great height and physical changes that in the successors to-day, 25 years in collapsing before the challenge breadth of shoulder" together intervening years have trans- are able to grapple so success Abdel-Aziz was ten he had endurance rare even in hard- nition. witnessed more murder, fratri- bitten Arabia.... he is of

dating his rule in the time- after the second world war that how to handle all the money honoured fashion of a great his income began to rise to that was a task his sons would a mixture of worship, was and the customary level of oil peace and unity to a land that love. The British traveller and wealth. By 1953, when he died had known none of either for #22 political agent, Gertrude Bell, crippled with arthritis and many centuries and bequesting Arabia's ing to his sons and his son's by the Moslem "politician, ruler and raider" what it had been when Abdel- ready bridged the forbidding calendar) at a time when the who illustrated "a historic Aziz captured Riyadh—and the gulf between the old Arabi of rival clans. By the time with "powers of physical formed it almost beyond recog-fully with a fate for the contemporary House of Saud that But by faen, after a lifetime its founding father could not cide and battle than most people proved daring, and he combines of endeavour and achievement have dreamed of—as the poli-

tribesmen.

Noura, in a saddle-bag. For it was said, were his greatest most of the next decade he was pleasures in life, in that order, in exile with his family in To enforce the first, he formed Kuwait and, to such of the world the armed companies of Ikhwan, as then knew or cared, it seemed or brethren, whose strict that the reign of the House of Wahhablam brooked no laxity Saud in Arabia was ended for- before God and whose marauding cavalry became the terror

But the Ikhwan's conquests The recesses of desert Arabia in were cemented by his marriages -and his magnanimity-as he found wife after wife among the families of his vanquished throughout the whole of the rivals, as well as those of his allies, so that his seed was spread the length and breadth of his growing kingdom and old enemies as well as friends were encircled with the bond of

The 44 sons that resulted seemed no more than the their sons to-day still administer peculiar circumstances of the But Abdel-Aziz was a man of 20th century gave that legacy all—the discovery and exploitation of Arabia's oil.

For Abdel-Aziz, the oil discoveries came so late in the day that they seemed almost as much of a burden as a reward. Before the First World War the total annual income of his state rarely exceeded \$150,000 and plous man and Abdel-Aziz's only become ruler of Mecca and its even in the 1930s, after he had valuable pilgrim trade, he was forever on the edge of

When the first American oilmen came sniffing at his deserts the King's hopes were on what combination of tribal power and scale. "O," he sighed one day religious zeal; but the genius to his old friend, St. John he displayed in the execution Philby, the British explorer. of his plan turned it into some if anyone would offer me thing more—a lifelong cam- 11 m. I would give him all the concessions he wanted." fact, he got just £50.000 from Most of the early years after Standard Oil of California for the capture of Riyadh were the exploration rights in his spent in extending and consoli- Kingdom, and it was not until

To do business in the Middle East, you need to know the right people.

That's where we come in. The National Bank of Abu Dhabi has the resources a businessman needs to trade in the Middle East. Not just finance but the practical, down to earth help business requires to be successful in one of the world's most exciting and fastest growing markets.

If you think we can help you, please contact our Head Office or our Branch in London.

Extensive branch

United Arab Emirates.

Overseas branches:

Alexandria, Bahrain,

Cairo, Khartoum,

network in the

U.A.E. Head Office: Sheikh Khalifa Street, Abu Dhabi. Post Address: P.O. Box No. 4, Abu Dhabi, United Arab Emirates. Cable Address: Almasraf, Abu Dhabi. Telex: AH2266 and 2267.

Muscat, Port Said. Port Sudan. London Branch Office: To be established: Amman, Sanaa, Tunis.

90 Bishopsgate, London EC2N 4AS. Telephone: 01-626 8961. Telex: 8812085 Masrafg.



"The businessman's bank

A William Control of the Control of

e ones almost

whip of one war laiden, the chief.

Caito last Dece

ement.

The traditional life-style of the bedouin, or desert nomads, is undergoing gentle change. Education, medical care and modern transport are among the lures—particularly for the younger generation—of the settled community. But there remains a hard core to preserve links with the old ways.

The people of the desert

FOR THOSE brought up on loom on which tent sections which is most likely to persuade thing the city offers to the indesations, spinning wood from the arter and fleeks on a small wood spindle. We called back a few days

there a few days ago from Jor handy 20 km. but neaver 200 km. completely and went back to the mmer. They came down in a and couple of trucks, the flocks in uninhibited. one, the family and tent in another. As we sat and talked, Comforts some relatives called in from a distant tent, driving over by The desert bedouin have a to the vinage, and ar their body in Saudi Arabia (but how do and young men could read, they count those, such as my while many of their girls were first host, who spend part of the year in Jordan, Syria or by camel when they were boys, care. Every camp that I have to teach the girls and women in school, too. It was her offer to teach the girls and women in school, too. It was her offer to teach the girls and women in school, too. It was her offer to teach the girls and women in school, too. It was her offer to teach the girls and women in the early 1970s, guard the Saud family and thousands of families in computer to the deserts are a competent. The bedouin, however, have a water tanker as gained the author acceptance of the deserts are a competent. The bedouin, however, have a water tanker as gained the author acceptance of the deserts are a competent. The bedouin, however, have a water tanker as gained the author acceptance of the deserts are a competent. The bedouin, however, have now armed and trained to barely produce a living wage to content hard core who are happy interest in agriculture, which now armed and trained to barely produce a living wage to content hard core who are happy interest in agriculture, which now armed and trained to barely produce a living wage to content hard core who are happy interest in agriculture, which now armed and trained to barely produce a living wage to content hard core who are happy interest in agriculture, which now armed and trained to barely produce a living wage to content hard core who are happy interest in agriculture, which now armed and trained to barely produce a living wage to content hard core who are happy interest in a scene which has scene which have shown an early of the continuous content. At another tent in central well and so they are free of the there.

my ras their means of transport. occasionally, a cold box.

Lawrence of Arabia, a visit to were made. They did have a a family to pitch its tent near pendence of his camel herding a bedowin tent is still a roman-sewing machine, however, and a village or town and keep it days. and sameness of desert is I left I asked how I might find may still go away for part of lished he brings his wife and broken only, by the tiny sign them again, perhaps send them the year with the flocks, but children, or his sisters if he of human existence, the black a card. One of the young women some stay, move first to a hut has no wife, to look after him. line which resolves, as one seized a pencel and paper and built of tins, then to a mud or in this method of settlement approaches, into a long, low wrote the address of the village, breeze-block house. Very often the old people are almost tent in morthern. Arabia and of her friend's house, in a the tent will still stand beside always left alone in the desert. It is morthern. Arabia and clear, well-formed hand. The the hut, or in the courtyard of the transition to the city is too make, they have the house. The options are still radical for them to make. They

amal ifn trunks, their bed- an old mining camp. Her wound ding folded and neatly piled. had been patched and she was. This group was still nomadic; well. She was also fortunate. heir belongings were kept to a For the nomadic bedouin an minimum and they could move injury can spell disaster; as at no notice. They had arrived the nearest clinic may not be a

A fascinating study of this and are left to a lonely old age. We drank sweet tea from glass later to thank her and offer period of transition in the life end looked around inside some sweets. She was gone, they of Saudi Arabia's bedown was EXOduS the sem. There is nothing said. She had had an accident published last year by a Japaresily to see," they said, "just and been taken to the clinic, nese researcher who spent two
resilvations of the said, "just and been taken to the clinic, nese researcher who spent two
resilvations of the same village
limit. few belongings were lowed, a bumpy 20 km, and
near Jeddah. The book,
stored in brightly coloured found a very simple clinic in
Motoko Katakura. She found Motoko Katakura, She found links with their nomadic relatives; that some of them moved

Their women no longer wove . It is schooling, rather than driving. For the freedom-loving seemed not to have been too was the long narrow ground the desire for extra comforts, bedouin a taxi is the nearest successful as nomads. It may be of Haradh: launched by the army, originally founded to economy, keeping tens of

watched the old grandmother, skill was unexpected, but per the house. The options are still radical for them to make. They her face decorated with blue haps not, to-day, so very rare open.

desert is a real and powerful factor of life in Saudi Arabia is certain. Just how fast and how far it will go is not, as yet, so had been patched and she was that the villagers kept their clearly determined. A census of a nomadic population is notoriously difficult to make and perto the desert from time to time; haps nearly impossible to make that some gave up village life accurately (the officials involved would not, for one thing, be ian where they had spent the away, for this is a vast country desert, while some had moved allowed into the tents actually virtually on to the city and abandoned to count women and children; completely their previous exist- some bedouin would count their girl children, some would not, Education was the magnet and so on). Official figures give which had drawn most of them a bedouin population of 600,000 listant tent, driving over by The desert bedouin have a to the village, and all their boys in Saudi Arabia (but how do

Theoretically this should nud-built village and now was lever moved. The owners may make them too late moving in, many others seem officials expect that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers that the will be Government schemes were first. The Hareth project succeeded second deputy prime ministers that the will be Government schemes were first. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers that this will be Government schemes were first. The Hareth project succeeded second deputy prime ministers. The Hareth project succeeded second deputy prime ministers the case. Some secont clearly the case. Some researchers who launched by King Abdel-Axiz as agriculture but failed to a higher standard of living that have lived with the bedouin; the hijrs failed a Shammar bedouin girl. Its still very high. There are a the competitive, twentiether, the move of them, to the still the bedouin; the hijrs failed a Shammar bedouin girl. Its still very high. There are a the competitive, twentiether, break on the still project succeeded second of twints a higher standard of living that the case. Some researchers who founded numerous hijrs, a still very high. T



to continue in their spartan but by and large they regard as a second the State armed forces day and the bedouin are obliged Neid I saw, perhaps, a more great fear in the desert. While many bedouin families mean that the bedouin will disypical bedouin life-style. The lack of water. It is possare taking the gradual route to appear from the deserts of The Saudi State has, from its their own devices they may frontiers. It is not are taking the gradual route to appear from the deserts of The Saudi State has, from its their own devices they may frontiers. It is manned entirely may. Official subsidies and handent was pitched close by a little sible now, to take a sick settlement, living in a tent be. Arabia in one generation, and early years, shown a marked cultivate a little betseem; by units from the tribes and in our person to a clinic, though disside town or village, slowly many observers and Government interest in settling the bedouin.

The saudi I saw, perhaps, a more great fear in the desert, while many bedouin families mean that the bedouin will disindependent existence.

degrading pastime. Left to in case of threat on the to supplement it as best they
ypical bedouin life-style. The lack of water. It is possare taking the gradual route to supplement it as best they
ypical bedouin life-style. The lack of water. It is possare taking the gradual route to supplement it as best they
ypical bedouin life-style. The lack of water. It is possare taking the gradual route to supplement it as best they
ypical bedouin life-style. The lack of water. It is possare taking the gradual route to supplement it as best they
ypical bedouin life-style. The lack of water in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

The saw, perhaps, a more great fear in the desert.

T

or they take up truck or taxi most of those in her village Most recent venture of this kind forces and specifically in the regular units and the reserves, their fortune.

Gillian James



SAUDI CONTRACTING CATEDING



ALBERT ABELA GROUP OF COMPANIES WORLDWIDE

1978 marks 13 years of our service to Industry in Saudi Arabia. We specialise in the following fields of activity:-

- 1. Catering and Camp Services.
- 2. Provision and Erection of camps and related facilities mainly in pre-fabricated buildings.
- 3. Design, Construction and provision of fully equipped kitchen and mess-hall facilities.
- 4. Civil Construction works.
- Provision of third country national labourers.
- 6. Electrical Installation and maintenance.
- 7. Maintenance of camps and auxiliary facilities.

At the present time we provide quality services for 25,000 people of 16 nationalities and we employ 5,000 staff in various areas within the Kingdom of Saudi Arabia. Our main clients are the Ministry of Defence, mainly the Royal Saudi Air Force and the Saudi Air Defence, Aramco, British Aircraft Corporation and many others.

If you are operating in Saudi Arabia or you have recently been awarded any contract in that area, we can make your task a whole world easier by supplying you with any or all of the above mentioned services. Our office addresses in Saudi Arabia are:

> RIYADH ALKHOBAR **JEDDAH** Tel: Off. 25251 Tel: Off. 61510 Tel: Off. 44262 P.O. Box 2266 P.O. Box 308 P.O. Box 258 Telex: 40220 Telex: 67038 Telex: 20126

> > Or you may contact us in London through our associates in the U.K.:—

ABELA & CO. MANAGEMENT & SERVICES S.A., MELROSE HOUSE, 4/6 SAVILE ROW, LONDON WIX 1AF. TEL: 01-439 6051. TELEX: 24241 CASERV G.







"SAUDI CENTER" is one of the fastest growing private sector companies in the Kingdom. It firmly believes in the dynamic development of the country and is committed to investing in projects that do not simply have an immediate impact financially but an ongoing function in the technological and social development of the Kingdom and its neighbouring

Its prime concept for achievement is governed by strong beliefs in the cld values, in combination with an outward attitude towards progress. It is keen on long-term partnership associations with local as well as overseas groups that share in the same principles.

Like so many other organisations in Saudi Arabia, it is a young group both in terms of its own age as well as in terms of the average age of its key personnel.

Through very careful planning, Saudi Center has created a solid manpower base by steadily recruiting highly qualified young men in its efforts to establish an important nucleus of people upon whose combined skills it has relied for its achievements thus far and bases its hopes for the future. In essence, the Group's outlook for growth is supported by the knowledge that it is managed by a team that claims an inherent balance of technocrats, entrepreneurs and experienced administrators.

The following is a brief outline of the background of each company within the Saudi Center Group:

SAUDI INVESTMENT AND DEVELOPMENT CENTER

This is the leading company within the group and its primary function is that of a holding company.

Head Office P.O. Box 2220, Riyadh Telex: 20413 CENTER SJ Jeddah Office P.O. Box 3396, Jeddah Telex: 40260 CENTER SJ

LSTCO

Land Sea Transport Company (LSTCO) was established in the early part of 1976—at the height of congestion at the Port of Jeddah—to assist the Port Authority in a swift and drastic programme to clear the Port.

The Company is an accomplished port development, port management and stevedoring operator employing some 1,500 people with a turnover to date of S.R.260 million.

LSTCO has made phenomenal strides to keep up with the targets of the Port Authority. From the date of signing the contract with the Port it managed to develop an entire Port Area consisting of a causeway, pierhead and marshalling yard, and charter and re-equip six LST's all within a period of three months. Finally, it met its target of discharging 1 million tons within its first year of operations and has thus far handled over 1.5 million metric tons (at times reaching a daily output of 7,200 metric tons).

All this could not have been achieved had it not been for the brilliant policies and full co-operation of the Port Authority Management. Furthermore, the Company is a success story in terms of smooth co-ordination between the different participants in the venture with the Saudi Group taking the lead in the overall management and administration, Kloster Rederi of Norway having charge of all maritime operations and K.N.E. of Korea providing the stevedoring. The records established by LSTCO can be attributed mostly to the close relationship and understanding that has existed between the participants in this multinational group.

Address: P.O. Box 5791, Jeddah. Tel: 58396 Telex: 40260 CENTER SJ

SAUD! CENTER FOR TRADING AND CONTRACTING

The Company has expanded rapidly in the last two years through self development and has attained a fine reputation in civil engineering works, residential building and industrial construction. Currently it is handling S.R.100 million worth of contracts consisting of residential estate developments, a civil engineering contract for the Saliae Water Conversion Corporation and a Palace in Riyadh.

Having established a fine operational team of experienced engineers, some of whom have a 20 year involvement in construction within the Kingdom, it now plans to further its field of activities by means of joint ventures with technologically advanced companies from uverseas.

Address: P.O. Box 3396, Jeddah, Tel: 50395 & 50929 Telex: 40260 CENTER SJ

ALTHARA

Althara is a joint venture between Saudi Trading and Contracting Center and Soil Testing Services Inc. of U.S.A. It offers a comprehensive service in geotechnical engineering, including field exploration and testing, site reconnaissance, laboratory testing, engineering design, geotechnical instrumentation, quality control and inspection. It also provides testing of construction materials during construction

(including concrete, steel, bituminous mixtures etc.).

Althara is currently involved in providing geotechnical services for the second phase of the Jeddah International Airport project and a high rise building for the National Commercial Bank in Jeddah. Soil-Testing Services Inc. was the soil consultant for part of the construction project for the King Faisal Hospital in Riyadh.

Address: P.O. Box 3396, Jeddah. Tel: 58395 & 50929 Telex: 40260 CENTER SJ

SGS—SAUDI ARABIA LIMITED

SGS—Saudi Arabia Limited is a joint venture between Saudi Investment and Development Center and Société Générale de Surveillance, the world's largest control and inspection organisation.

Its principal activity is to offer a wide range of quantity and quality checks and related services, and oversee all or any part of commercial transactions and operations connected with the buying, selling, trading and moving of raw materials, commodities, industrial equipment and consumer goods.

SGS—Saudi Arabia Ltd. is also able to offer logistical support services designed to aid the movement of goods safely and efficiently from one point to another avoiding complications resulting from miscalculations, production snags or post delivery problems.

SGS—Saudi Arabia Ltd. through Société Générale de Surveillance is represented in more than 150 countries, by 90 affiliated companies.

Address: P.O. Box 3125, Jeddah Tel: 50181 Telex: 40260 CENTER SJ

SAUDI INTERNATIONAL CENTER Saudi International Center is engaged

in new project development, specialised purchasing activities, and consultancy.

Project development work includes the conducting of market surveys and feasibility studies, searching for suitable joint venture partners, negotiating working arrangements between local and foreign partners, and mobilising local support and international logistical movements required to initiate the

projects.
Procurement is conducted through offices in New York and Paris. Services offered encompass handling in the country of origin. export formalities, selection of carrier, clearance through Saudi customs,

and local delivery to customer's site.
Finally, SIC offers a wide range of
consultancy services designed to assist
foreign firms to do business in Saudi
Arabia. It suggests agency, branch and
joint venture relationships suitable to the

needs of the foreign company, arranges office, housing and catering facilities and advises concerning local registration requirements.

Address: P.O. Box 3396, Jeddah Tel: 58396 Telex: 40260 CENTER SJ

AMOS

Arabian Maintenance and Operating Services Company Limited (AMOS) is a Saudi Arabian limited liability company under formation to be owned 60% by Saudi Investment and Development Center and 40% by a high technology Western corporation. AMOS' functions include (1) management services for the operation and maintenance of desalination and other water treatment plants, power plants and other continuous process plants, (2) operation and maintenance of water wells, both surface and subsurface, and (3) consultancy activities relative to ground water studies and projects.

AMOS plans to develop a management training center in Jeddah for the operation and maintenance of desalination, power and other continuous process operations.

Address: 'P.O. Box 3396, Jeddah

Tel: 58396 Telex: 40260 CENTER SJ

AL KAWTHER

Al Kawther is a Saudi Arabian ' limited liability company which has just been formed. It will be based in Saudi Arabia, and will operate in most of the Arab countries of the Middle East.

Al Kawther's activities include the design, assembly and installation of water treatment systems, including the desalination of sea water as well as the processing of brackish well waters. It is contemplated that Al Kawther will ultimately establish its own research and development organisation specialising in water freatment technology adapted to Middle East conditions.

Head office: P.O. Box 3396, Jeddah Tel: 58396 Telex: 40260 CENTER SJ

RASHA SHIPPING

RASHA is a shipping and customs clearance agency with highly experienced port personnel servicing the needs of a number of major institutions including Mobil Oil, Fagioli and others. It is well positioned and staffed to undertake additional business including transportation for on-site deliveries to anywhere within the Kingdom.

Address: P.O. Box 5246, Jeddah Tel: 48145 Telex: 40260 CENTER SJ

مكناس

SOURCE MAKE INTO SIX COMMUNICANTS SEMICONDUCTION STORY FOR SURCESAND STORY OF THE PROPERTY OF

Total: \$9,690m

22-1%

Chips are down in Europe

EUROPEAN. GOVERNMENTS The prospect is worrying for for making silicon chips. They U.S. are concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrated in a every time the volume of production for a concentrate in a concentrate for a concentrate

ansistor was implanted on each licon "chip," the density of mething which looks like a apfiake with wires attached to

In the next few years the re-

wice has doubled every year, ment makers will be able to use a result, whole roomfuls of the new super-components to

Lower grade

at integrated circuits in the forseen. It is certain however 20 per cent, of the total world

mputer switch is now 10,000 (GEC) and Siemens of Germany industry.

t phase of an extra-ordinary nobody is yet clear about the particular purposes and to know Francisco, from which they Long production runs allow evolution, in electronic com: full consequences of such a high how standard mass-produced serve a unified home market, fine tuning of the process, which

onents. It has already produced degree of integration. The only computer the size of a postage certainty is that a very high proportion of the microscopic tamp and will shortly enable proportion of the microscopic circuits will be made in the U.S. of Europe are agreed that they ports about 75 to 80 per cent. The revolution is based on the ability of component makers of its integrated circuits. By contrast, Japan imports only 30 per cent.

So an ever increasing number of integration. The only circuits can be modified.

In Japan, the Government is is vitally important where up to govern pouring in a vast amount of 80 per cent of the circuits promotely estimated at about duced may have to be thrown of Europe are agreed that they follow, a year, to support away after testing. Many succenters about 75 to 80 per cent. of its integrated circuits. By contrast, Japan imports only 30 prevent them from trailing contrast, Japan imports only 30 prevent them from trailing contrast. The support has been running at heads. They say that any manu-

co-president of Fairchild, the become systems designers be would have the slimmest chance U.K. sales of semiconductors specific to a particular industry, strategy is based on the idea. The strategy of buying be 20 times more expensive by special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982.

Special circuits designed that progress will depend very American technology has 1982. appects the limit to be reached greatest brain power will be home market is only about 2.5 about 1 per cent. of world for a particular customer. cound 1985 with about 6m needed for the arrangement of per cent, of the total world sales output.

Sanistors on a single chip of microscopic transistors in pat of \$3.5bn. (1977). Mackintosh The Government therefore the contineeres terms on their chips. Where this Consultants expect the world faces a difficult dilemms. On the chips the contineeres that the consultants expect the world faces a difficult dilemms. On the

acquainted with the techniques conductor companies in the One manufacturer estimates that Another could be in circuits for year support programme run- with a European scheme, is often America.

what will probably be the eraments in Europe, because special circuits for their own "Silicon Valley" south of San duced by 30 per cent

onents. It has already produced degree of integration. The only circuits can be modified. In Japan, the Government is is vitally important where up to

s a result, whose reduced to design systems of hitherto un in the next five years to main-lavish handout to the industry grated circuits:

| the next five years to main-lavish handout to the industry grated circuits:
| tain even a limited presence in could prove a complete waste I—Standard the industry. At least half of of money, since there is no components like computer factory in Kent. It is already to be the lynch pin of German to those in printing. Electron this will have to be provided by chance that any of the British- memories.

making advanced computer policies, since Siemens has the beam lithography will be the Government. A programme owned companies making semi
2—Standard components with memories with 16,000 cells on financial strength to undertake needed to achieve the much of all-out attack on mass-conductors could compete with special performance characteris, each chip and is developing a the rapidly increasing capital higher densities of the future. inctions in size will be even On the other hand, the compredictions in size will be even On the other hand, the compredictions in size will be even On the other hand, the compredictions components the Americans across a wide ties.

Some impressive Mr. Les Hogan, ponent makers may themselves would cost some £500m, But this range of standard products. 3—Standard

thousandfold. The price of a the General Electric Company of a truly European component economics of the integrated cir- example might be in special standard components is slim.

Reduced

From the Leader

Southampton City Council.

Sir.-While I was pleased to

And we have rightly passed the benefit of the savings achieved

Not only has this been accomplished without adverse effect on essential services but we have secured necessary growth of 7.5 per cent. over Government guide

lines during the same period. In

essence we have cut back and moved forward at the same time.

to the ratepayers.

Industrial

From the Group Services

Aylesbury Industrial Group

Sir.—Mr. W. Whalley's reaction (April 7) to the criticism by Mr. W. E. G. Woods, of the

training into our schools surely

training

Training Centre.

High volume

to have some high volume stand- operate on different standards investment, including contribu- and development costs in the Government and products to absorb over in the U.S. and Europe. off an ever increasing number ver cent.

Such chips, costing only tens and Japanese advance. The support has been running at heads. They say that any manu
Competition in the U.S. and Europe.

Such chips, costing only tens and Japanese advance. The support has been running at heads. They say that any manu
Competition in the market for at around £150m, in the period, perhaps give a new impetus to
support the support of facturer which concentrates components which are standard No decision has been taken on wards international co-opera
ince 1961, when only a single wafer of silicon.

The next generation of the assembly work of its next support scheme for fam a very new being planned cuits is unlikely to be profitable able to the profitable able much of the assembly work of announce shortly the details level of support of personnel of the assembly work of announce shortly the details level of support scheme for £8m, a year now being planned cutter is unlikely to be profitable, ably be left to the multi-likely that support will have to circuits will require machines equipment manufacturers' busi-

risigners would want on a variety of different patterns will given taken as a wood, the shade in Britain.

The component of a variety of different patterns will give taken as a wood, the shade in Britain.

The component of the considered candingle component, it is clear emerge which cannot easily be Europe accounts for only about be made in Britain.

The component of the considered candingle component, it is certain however 20 per cent, of the total world on the other hand the Government in the third group, for for Government subsidy. at integrated circuits in the forseen. It is certain however and the total world on the other hand the Government subsidy.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical strategy differs in important Commission is making a the companies together.

Meanwhile the European its unsuccessful efforts to push the motor car or telecommunical st

GENERAL Mr. Harold Brown, U.S. Defence

Secretary, holds London talks on neutron bomb with Prime Minister

U.S.A. JAPAN W. EUROPE REST OF WORLD

WORLD MARKETS FOR INTEGRATED CIRCUITS

Total: \$3,091m.

the new super-components to total investment will be needed. On the other hand, a more four separate categories of inte-would be most likely to give aid as its main German-owned com- patterns of transistors will rein the next five years to main-lavish handout to the industry grated circuits:

10 Mullard, the Philips sub-petitor.

12 Standard mass-produced sidiary, or to ITT which has a Support for Siemens is likely cess which uses masks similar the industry.

The Government's general further American companies.

receivers which ming from 1974 to 1978. Total The steeply increasing capital tions from industry is estimated integrated circuit industry may

memory with 64,000 elements. costs and the ability to buy Fairchild estimates that the

machinery for making chips will

and technologists. It is argued acquisition of Signetics. The afforded by Siemens and the licon a few centimetres terns on their chips. Where this happens, the equipment makers any elements as the world's activities like soldering, making through it is unlikely that signers would wish to put ch a huge computer, and the fitting of the huge computer on a variety of different patterns will component, it is clear to fire any elements as the world's activities like soldering, making of the huge and sockets.

Like a lear to maker a difficult different contents to nearly one hand it must ensure that the unit and the change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change of technology in the other hand appears to favour a ably by the French. But the high change is the world's activities like soldering, making uncertain how much of this very U.K. and elsewhere takes place in formal papears to underly the offer of and the change jobs. This is per to from the Like of the underly of the U.K. owned companies.

Europea companies.

Even taken as a whole, West to increase to nearly of the curve. The change of technology in the other hand appears to underly the offer of that a great deal of the ex- French Government on the German Government and prob-

, it three years the price per One obvious consequence is proved to be an insuperable tion capacity. This scepticism is a U.K. manufacturer but would the chance of beating the gramme faded last year because to keep abreast of developments ment of memory has fallen that designers in companies like barrier against the formation grounded on the fact that the not interest the Americans on the market for governments, particularly the by having a limited production Germans, were not prepared to of integrated circuits, but to buy cuit industry are highly sensitive circuits for telecommunications. The German Government is make their support conditional the bulk of components it needs nes cheaper than what it was will have to become intimately By contrast, the semi- to the volume of production, like the Post Office's System X, spending some £75m, in its four upon companies co-operating from the cheapest source, which

opens, Belle Vue, Manchester (until April 21).

House of Commons, Conclusion

Letters to the Editor

Nationalised ndustries

m the President. il Users' Association.

ir,-The debate about the trol of nationalised induss, contrary to Mr. Cockell's gestion (April 12), has not

a nudging on fibn. yearly; pension contributions and life refore, some indication of the assurance premiums.

In on assets earned by telemunications is necessary for for a married man without child-covernment and the Post ren who has £1,000 per annum in From Mr. J. Riley. Government and the Post ran who has £1,000 per annum in re to know whether the ext mortgage interest and other allowable payments and whose titu on turnover is sensitive for employers and unions to get (April 11) that Southampton City to turnover is sensitive for employers and unions to get (April 11) that Southampton City to the following result.

1977-78

1978-79

1978-79

1978-8

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978-79

1978

it are denied flexibility, agerial functions become iced to bureaucratic ones and consequent loss of job satis-ion will result in the loss of quality management. Thus idea of a fairly rigid system ed by Mr. Cockell is likely Sir Dane 2

rather than involve it he detail about investment specific pricing issues with h it is ill equipped to deal.

ks of performance, but they an essential in any system tent tax year would not have A. G. Horsball. been earning that figure last 25, Worship Street, E.C.2. year. The average mae in that tey indicators.

year. The average man in the substantial resemble post Office Tele-range would have substantial munications recently has mortgage outgoings together with the substantial munications recently has mortgage outgoings and life Unsocial

or, particularly in the Post taxation (to which even the Content of them in week 1 of the 1 ce. competition is not always servatives seem now to be conniciable with social object verted) Mr. Healey has thrown so it is doubtful if the public sway a golden opportunity to it accept the withdrawal of remedy the situation whereby all and telephone services over 80 per cent. of Government of rural areas, which would revenue is obtained from peralikely consequence of sonal income tax. High tax on ishing the monopolies. In earnings kills incentive and to devise a system of continuous ings and therein lies much of the led monopoly by which cause of our present economic from the Managing Direction of the led monopoly by which cause of our present economic from the Managing Direction of the led monopoly by which cause of our present economic from the Managing Direction of the led monopoly by which cause of our present economic from the Managing Direction of the led monopoly by which cause of our present economic from the Managing Direction Controls (Engisted with care since if Rosemary Avenue, Stephing, West Sussexial are denied flexibility, agerial functions.

Unallocated surplus

From the Economic Adviser. ed by Mr. Cockell is likely Sir.—Once again I see that the be counterproductive if balancing item of +f2.6bn. for 1977 is published without any ac of the main criticisms in reference whatsoever to its sig-NEDO study of the present nificance (Financial Statement em of control for the and Budget Report 1978-79 Table onalised industries was the 2). I find this omission astound-

th of time required to obtain ing.

sement from sponsoring it means that the Bank of istries to major policy deci- England is holding £2.6bn. for s. If the Parliamentary sys- 1977 which ultimately will be was added to the present allocated to U.K. capital or the way Mr. Cabell and the property of the em in the way Mr. Cockell revenue transactions. Surely a rests, the decision making little helpful comment in the swould be further Budget Statement is in order?

Sir — The Chancellor claims to Mr. Wood's letter was to comment to mr.

ries, I suggest, lies in exing the powers and improvthe professionalism of the
tropy users councils.
If role is expanded to take
a "consumer audit "func
with the right to qualify
annual reports of the indusmanagement will he left
were under-valued or imports benefit most in percentage terms not that of the education system,
those at the bottom end of the which after all has yet to
reported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general competory users councils.
If it is allocated to encouragement is needed at the and numeracy into our youth.
The teaching of domestic selfdomestic savings, to fund the parently the same principle is sufficiency in the class room is
management will he left the funds.

ment, are significantly lower than imports penefit most in percentage terms not that of the education system,
those at the bottom end of the which after all has yet to
reported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general competended to take
the consumer and improvreported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas it is demonstrate its general compereported trade deficit of £35m. is wages ladder, whereas

e subject to a powerful k which will be neither disive nor counterproductive ould also leave Parliament to concentrate on strategic rather than involve it

explanation,

gestion (April 12), has not varying askery levels is most mist recovery is made more difficult 18a, Burgh Heath Road, Epsom gets of return may not be leading particularly in the reage by omitting any explanation of the man on fill-odd in the curry important unallocated this very important unallocated.

The man on fill-odd in the curry important unallocated this very important unallocated.

From the Managing Director, Drayton Controls (Engineering)

Sir,—I see that in enthusing Positive proof that progress with over the proposed grants scheme economy is possible, for insulation in private dwell. Norman A. Best. ings, the Prime Minister draws Members Room. Civic Centre. on his own experience. He says Southampton, Hants. that he insulated the loft in his house, and his bedroom is now five degrees warmer. What a pity he did not fit themostatic radiator valves upstairs to pre-vent this temperature rise: then he would have saved the country some fuel and himself some M. M. Brew. West Drayton, Middlesex.

Incentive

schemes

ess would be further Budget Statement is in order? Sir—The Chancellor claims to Mr. Wood's letter was to ennuated.

If the balancing item is allorecognise the need to restore the courage the belief that industrial
incentive to work. The changes training was properly the precontrolling nationalised in means that either exports in 1977 he proposes are minimal and rogative of industry itself and
ries, I suggest, lies in exwere under-valued or imports benefit most in percentage terms not that of the education system,
over-valued. In either event the those at the bottom and of the which after all has not the manual reports of the indus. Public sector borrowing require in the section of the indus.

management will be left ment, are significantly lower than ing schemes where a ceiling of it continue.

sufficient freedom to plan, It is impossible for outsiders to annual allocation to any one also left to wonder whether Mr whalley is aware of the enormalist will be matter that offer guidelines and individual.

Whalley is aware of the enormalist profit and the continue.

figures which I believe show share incentive schemes in the something to say on accidents in import values have been over early 1970s from which this the home by well intentioned recorded by perhaps £1bn. Chancellor removed the fax DIY enthus.

My point is, because of the advantage in the Finance Act B, P. North. Chancelior removed the tax DIY enthusiasts! many 1974. Presumably it is politically Gatehouse Close economists are unable to record impossible for Mr. Healey to Aylesbury, Bucks

and Mr. Frederick Mulley, Defence Minister. Dr. David Owen, Foreign Secre-

The real magnitude of the 1977 restore fully the incentives that U.K. recovery (Organisation for these schemes provide, but it secretary of State. due to arrive in Rhodesia following Friday talks in Development experts have also determining the parliamentary conditions for the prospective Liberal Parliamentary conditions for usual post-Badger and the companies should be interested companies should be inferested companies should be

To-day's Events

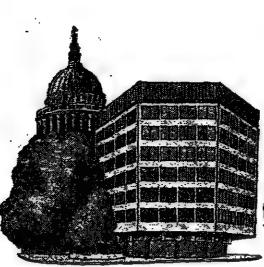
Law of the Sea Conference con-

tinues, Geneva. Nominations close for by-elec-

PARLIAMENTARY BUSINESS European League for Economic dinner. Mansion of Budget debate. Second reading of Judicature (Northern Freiand) Co-operation House, E.C.4.

European Nuclear Medicine House of Lords: Debates on Society and British Nuclear problems of widows and on a re-Medicine Society opens at view of the Children on a re-

view of the Children and Young Persons Act. Retail sales (March, provisional) Blackwood Hodge (full year). Currys (full year).



If banking is a service business then it should be on service that you judge a bank.

Bank of Boston House, 5 Cheopside, E.C.2.

We've spent 56 years in the City, building an organisation to cater for the toughest judge of all: the financial professional.

That's why The Bank of Boston's account officers prefer long instead of short-term relationships. Why they stay with their accounts longer than their counterparts at other banks.

Why we have an exchange specialist based on the dealing floor devoted exclusively to keeping corporate customers abreast of

Why our two hundred people in London aim at the higheststandards lif you give the best service, you've got the best bankl.

Our dealers have put us among the top banks in making markets in all major trading currencies.

And six out of the top ten companies in the prestigious 'The Times One Thousand' are our customers.

Do you put a premium on service too? We look forward to meeting you.



Boston. The bank for financial professionals.



THE FIRST NATIONAL BANK OF BOSTON Bank of Boston Hause, 5 Cheapside, London ECCP 2DE (Tel. 01-236 2388). Also at: 31 Lowndes Street, Belgravia, London SWTX 9HX (Tel. 01-235 9541), aksentina, austraua, bahayas, bouyia, brasti charti feusyi (de dorni ilizan pepubuc, prance, germain; haiti,hong kon**g** Irang tarang dearyon, lukumesoung memouji atuma, singarong, spang ung July, ulka, uruguay; yei edulia.

William Collins changes borrowing structure

£14.5m. and were equal to 34 per group has a potential liability to for the self employed and cent, of capital employed.

that the group has accepted an allowances, and £4.27m. (£2.43m.) was £4.03m. (£2.38m.), new single offer of a 12 year unsecured loan in respect of stock relief, partially of £10m from Finance Cornoration for Industry. This will be (£2.31m.) and unrelieved ACT of used to reduce indebtedness to £1.24m. (£1m.) bankers, who have acroed the At March 16, 1978. Stoke

stood at £10 km, against £15.3m, a year earlier, but the chairman says that steps are now being taken to

Group profits before the in 1977 growth

year and looking shend to the remainder of the year the chairman in taxable earnings to a marginal
mainder of the year the chairman in taxable earnings to a marginal
rise of £21.733 to £1.683.477.
There was also considerable
the market for books in the increase in promotional expendit

consumer spending.

With an outstanding year Mr. John Webb, the managing interest publishing division is looking to another good year with a strong list of new titles. The chairman points out that this augurs well for Fontana Paperbacks which derives man; of its best-selling titles from the group's hardback list.

Agrochem launched a new treatment of the art of the group's hardback list.

Agrochem launched a new treatment of the group's hardback list.

In international markets cereal fugacide with great Australia has got off to a good success and this is expected to start, but Mr. Collins stresses that is difficult to predict performance with any confidence the current year's results Mr. against a background of Webb says. against n background of Webb says.

depressed economic conditions which still prevail in most of the group's main markets. The final products and household pesticides results expressed in sterling will products and household pesticides in Britain, also holds promise for also depend very much on the section as a factor of the group in 1978, he adds.

Tax for the year took £937,678

Looking heyond the immediate (£912,545) leaving a net balance future, however, the chairmin lower at £726,798 (£749,201). also depend very much on the

future, however, the chairman considers that the underlying growth prospects of the business are still strong.

Referring to the completion of In the first quarter of 1978 new

ont, of capital employed.

deferred tax of £6.42m. (£5.83m.), individual pension policies for in his annual statement Mr. which included £7.34m. (£6.64m.) executives and directors.

W. J. Colins, chairman, reveals in respect of accelerated capital

bankers, who have aurned the early resagnent of a film, term loan 1980, and in the removal of their floating charge over the U.K. assets of the group.

The increase in borrawings came about primarily because of an increase in stocks, part of which was due to sales being lower than anticipated, Stocks at December 25 stood at £10 fm, against £15.3m, a

shows small

fell by 40 per cent. to £3.1m. reflecting the combined effect of lower than expected sales together with pressure on margins.

Sales in the list quarter of sidary of Bayer AG, Germany, rising costs due to price inflation. 1978 show a small increase on last year and looking ahead to the remainder of the year the chairman in taxable earnings to a marginal

U.K. is still difficult and prospects ture, but the directors regard this depend largely on an increase in as an investment from which the Turnovei consumer spending company will benefit in 1978, says Trading

The following security has been added to the Share Information Service appearing in the Financial Times: in Britain, also holds promise for Rohan Group (Section: Bulld-

EQUITABLE LIFE

Extel °

Fixed Interest

Record

is due for publication in May

For each stock, the FIXED INTEREST RECORD will show Interest Payments, Tax Credits, Dates Payable. Holders Registered Dates and the Ex Dates.

Extel Statistical Services Limited

37-45 Paul Street London EC2A 4PB Tel: 01-253 3400

special bonus the group's new complex at annual premium income of Bishopbriggs the chairman says EQUITABLE LIFE ASSURANCE A new addition to the **Extel Taxation Service**

ings).

New annual premium income

Armitage

Brothers

advance

net dividend is stepped up from

information

Royal pays

Service

Gibbons Dudley expects rise

Mr. Roger D. Turner, chairman of Gibbons Dudley, anticipates that profits for the current year show a further advance, the second six months proving to be more profitable than the first. He says in his annual statement

that it is difficult to foresee any real improvement in the trading ACTION is being taken by that the group now has a strong SOCIETY rose 69 per cent, over climate of the refractories divi-William Collins and Sons (Hold-base from which to develop and the corresponding period in 1977, sion. Nevertheless, further losses ings) to reduce its borrowings expand the manufacturing and All classes of business have at Gibbons Refractories are not showed a jump from \$5.75m. to The accounts reveal that the emphasis on retirement policies anticipated. The building produce is borrowings, expand the manufacturing and All ctasses of business nave expected and better results are showed a jump from \$5.75m. to The accounts reveal that the emphasis on retirement policies anticipated. The building products side should in the second ducts side should be second ducts side s six months reflect the benefit that will arise from the new factory and results should show a further advance.

In the engineering division a shortening of the forward order book is causing some concern. However, the planned contract completions for the current year should provide similar results to those for 1977.

With an anticipated increase in industrial activity generally, the industrial estates division is looking to an increase in its profits. Capital expenditure is continuing at a high rate and therefore no investment income can be ex-

As reported on March 17, tax-

A SECOND half advance in pretax profits from £174.495 to able profit for 1977 advanced from £250,673 left Armitage Brothers, £3.89m. to £4.23m., on turnover of £51.76m. against £36.55m. A divisional analysis of turnpet products manufacturer, with £454,000 for all 1977, compared with £408,000 for the correspondover and trading profits (£000s omitted) shows; refractories £12,753 (£11,652) and £445 (£1,036); building products £10.315 (£9.995) and £1,426 (£1,413); engineering £27,712 (£14,141) and ing period.

Before extraordinary items earnings per £1 share are given at 106.25p (102.75p) and after such tiems at 106.25p (97.02p). The

£1,684 (£702); industrial estates £976 (£761) and £462 (£410); company profits £133 profits are shown at £2.5m., after additional depreciation of £1.23m. cost of sales adjustment £0.64m. per cent. stake in Talbex. and gearing adjustment £0.15m. Artec the Bahames based bank, Following an assessment of the was the engineering group condeferred tax position which it is cerned as well as acting as

BOARD MEETINGS

Interims—Equity Income Trust.
Finale—Blackwood Hodge. Change
Warus, Curtys, Hoveringham. Jersey
Electricity, London United Investments,
Newarthill, Reed Executive, Revertex,
Chemicals, Rugby Puriland Coment.

	FUTURE DATES
	Interime
	Beradin Rubber Estates April 15
	Long and Hambly April 19
	North Midland Construction Mar 5
ì	Wade Potteries
7	Finals— Callender (George M. April 19 Canadian and Foreign Invest, Ts. April 25 Coral Leisure April 25 Debenhams Mar 18
_	Calletter (George M.: \$pril 19
-	Canadian and Foreign Invest, Tst. April 25
	Coral Leisure April 20
•	Hawker Siddeley April 18
	Miller (F.) (Textiles) April 15
ı	Royco April 19
	Spong April 27
•	United Carriers April 19
-	

strong liquid position was main-tained. Capital expenditure sanetioned at December 31, 1977 totalled some £4.81m. (£5.83m. in respect of which regional development grants of £714,000 are anticipated. Contracts placed against these sanctions at that date amounted to approximately £1.12m. (£2.84m.).

TALBEX

Talbex, the soap to hairdress ing concern, has revealed that the private engineering group for which it has made a bid approach parent company profits £133 which it has heade a the approach and that 56 institutions now deal (£106).

On a current cost basis taxable major shareholding groups—the in the OTC's 15 securities.

The Stock Exchange in additional depreciation of £1.23m. Wobaco Trust, which have a 20 whose hide Nightingale has

considered prudent to retain, advisers to the Iranian Investmen £4.33m, has been released from Trust and Wobaco. Consequently deferred tax to reserve.

Capital expenditure incurred not be voting at any forthcoming during the year amounted to EGM, when Talbex is due to £8.13m. and although working announce the bid terms.

Auditors qualify Law Land accounts

THE AUDITORS of the Law Land rent reviews. Progress contineus. Company point out in their report to be made and since the year Company point out in their report to be made and since the year that no provision has been made end new lettings have been negotion the group's accounts to write tlated with rents of £33,000 per down the value of property annum—£153,000 in the U.K. and trading stocks in the U.K. and £80,000 in Belgium—only part of the trading stocks in the U.K. and Australia.

But its representatives have A market made, like the ment in small companies, the said that in order to preserve American OTC; by dealers trad-problem of secondary trading in the trading stocks in the U.K. and £80,000 in Belgium—only part of which will benefit the 1978

A substantial increase in open market valuation would reversionary bonus rates for the show in the U.K. surplused insurance Group. The rate on the sum assured is maintained at \$250,000 and in deficits of \$257,100 and in deficit of \$257,100 and in de The directors estimate that an accounts.

NEWS ANALYSIS—WILSON COMMITTEE EVIDENCE Ode to an OTC

BY NICHOLAS COLCHESTER

M. J. H. Nightingale and Co., avoid too good a form of market by competition if they are to small investment bank, claims for these companies." Nightin- be fair prices. The solitary

allegedly arisen out of dwindly face up to a dilemma of its own; offers an Achilles Heel to its ing private wealth and growing having operated as a one-man-critics by acquiring a Warranti institutionalised savings. band for six years it must now to buy up to five per cent of It claims that an OTC market get others into the game to pro- all companies quoted in its. on the American model would vide some visible competition. It market provide an ideal halfway must pass regulations of the The potential conflict of house between family or ven market on to some higher interest is obvious and ture-capital investment and the authority and count itself Nightingale can only justify it is broad public market of the among the regulated. This is by pointing out that it is Stock Exchange. It therefore a tough pill to swallow for a obvious to all who trade on the asks the Committee to encourage bank that runs and profits from Nightingale OTC. Warrants are the OTC market as an independ a little "market" of its own one of Nightingale's major. ent institution and to include the creation. OTC market as part of the com-

styled "OTC market "on a onestyled "OTC market "on a oneship would be composed of Britain—the number who ply
shanker, broker, dealer, market
place, rule maker and rule
enforcer. Its evidence gives a
good picture of the American

Council set up whose membermarket market maker in America.

Behind the small skirmish
between The Nightingale OTC

dealers. The council would
between The Nightingale OTC

dealers. The council would
between The Nightingale OTC

enforcer. Its evidence gives a
be under the imbrella of the and the Stock Exchange Rule

good picture of the American

Council set up whose membermarket makers competing in
ship would be composed of Britain—the number who ply
small company executives, this market in America.

Behind the Sightingale OTC

enforcer. Its evidence gives a
be under the imbrella of the and the Stock Exchange Rule

good picture of the American. good picture of the American be under the umbrena of the Stock Exchange Rule; precedent for an OTC and how Nightingale has attempted to follow it. It claims infer alter the umbrena of the Securities 163 (2) lies the larger question; Nightingale has attempted to follow it. It claims infer alter the umbrena of the Securities 163 (2) lies the larger question; Nightingale has attempted to follow it. It claims infer alter the umbrena of the Securities 163 (2) lies the larger question; Nightingale has attempted to follow it. It claims infer alter the umbrena of the Securities 163 (2) lies the larger question; Nightingale has attempted to follow it. follow it. It claims, infer alla, being org that Nightingale's OTC has England.

and that 56 institutions now deal market and will be prepared to improved secondary system of n the OTC's 15 securities:

deliver them to the Wilson trading will help stimulate a
The Stock Exchange in Committee on demand. There is, primary market for small comlong been a thorn, gets some from the Bank that the CSI will Exchange evidently is not confresh jabs in this evidence.

Nightingale claims that small representations of the Stock Exchange is strongly to will be accommodate this newcomer. companies quoted on the OTC opposed to fragmentation of the talk to all the parties involved get a higher share price, are less securities market and given its here—small companies, ventura vulnerable to take-over, have a weight in the preparation of capital companies, entreprene weight in the preparation of capital companies, entreprene weight in the CSI, an official blessing of urial investors, institutional in the Nightingale initiative would and pay substantially less than they would if quoted on the be a most remarkable develop- cide whether the shift in the

The following companies have notified dates of Board meetings to the Stock Exchange. Such meetings to the Stock Exchange. Such meetings are usually hald for the purpose of considering details. Official indications are not available whether dividends concerned are interests or finals and the subdivisions gap"—the lack of entirepression of the place of the lack of entirepression of the subdivisions in the stocks of the place of the equity stall does not make an OTC mar. and building up no position in the stocks of the place of entirepression of the securities. Nevertheless it alleged a grisen out of driving the state of the place of entirepression of the securities. Nevertheless it alleged a grisen out of driving the place of counter market" (OTC) is of loyalties with relish. interest in the stocks on its

incentives in creating this evidence tells of "market" for small companies: mittee's forthcoming survey on Nightingale's intentions in this Its argument that the same of financial institutions.

For the last six years Nightingale and concrete advances. It wants of the U.S. would be ingale has been running a self-styled "OTC market" on a one-styled be composed of Britain—the number who have

needed. Nightingale asserts handled 10 out of the 23 new Nightingale is in the process that an OTC market will help public offerings made in the widened over the last 31 years the second over the last 31 years market and will be prepared to improve the last 31 years however, no undertaking yet pany securities. The Stock

structure of savings requires The Stock Exchange has Yet without an authority change in the system of share of claimed in its own Wilson evil independent of Nightingale to trading to unleash the institution dence that its provision for deal police the market is remains tional cash upon the small is an independent of Nightingale to trading to unleash the institution of the cash upon the small is an independent of Nightingale to trading to unleash the institution of the cash upon the small is an independent of Nightingale to trading to unleash the institution of the cash upon the small is an independent of Nightingale to trading to unleash the institution of the cash upon the small is an independent of Nightingale to trading to unleash the institution of the cash upon the small is a small independent of Nightingale to the upon the small is a small independent of Nightingale to the upon the small is a small independent of Nightingale to the upon the th ing in unlisted securities. Rule most unlikely that other City company sector. A. priori it 165 2 1 163 (2)—could. If better pub. firms will feel tempted to play would seem far more likely tax 150 2 2 licised, go some way towards their part in the OTC market. If business and taxation countries meeting any demand for a mar. And without this competition tions were changed in a way that their in small company securities, the OTC must remain suspect. would attinuiate primary invest.

PASE LE

CENT ISSUI

ΕQ

"RIGHTS

the group and is an indication of its strength and prospects.

The effect of this change will be should be written down by the largest attaching bonuses to the largest attaching bonuses. The actuary obviously considers. The result of the this latting bonuses, reserves brought forward at this latting the profits, the longer the policy has been in force the more profit it is entitled to.

The super bonus rate is El per cent, higher than the interim value declared at the beginning of the year and the current interim value declared at the beginning of the year and the current interim to leave the pre-tax balance titled, higher than the interim to leave the pre-tax balance titled, hower. This means that, effect. Sind, howers at El34,337 against lower. This means that, effect. Sind, hower at El34,337 against three years. Quotations for hew business are using the lower rates.

is a small commitment to "first class" equities.

Turnover in 1977 was down at \$1.19m. (£2.15m.) and taxable earnings were shead to £2.85m. (£1.44m.) including £1.81m. (nil) profit on the sale of a vessel—as reported March 16. The net dividend is stepped up to 1.84906p (1.6555p).

Net liquid funds at year end were down £8,472 (£7.61m.) with

UNTIL THERE is an upfurn in a £363.469 bank overdraft elimi- siderably better rates, Mr. Jacob world shipping John I. Jacob and nated and balances at bankers of comments.

Co., shipbroker, will, not show £415,855 (£537,796), and no holding. The company is at present in the materially better trading results, of starling certificates of deposit, serious negotiation for the occurrence. However, the directors hope to against £55,000 in 1976.

pay at least a maintained dividend. All departments of the business it formerly occupied at Winchester. 2022 Mr. J. H. Landbertha worked well in difficult markets. House, EC and has some sponsor of the second of the s

JAMES WILKES The Annual General Meeting of James Wilkes Limited will be held on Tuesday 23rd May 1973 at Wolverhampton. The following is an extract from the circulated statement of the Chairman Mr. W. J. Wilkes, for the year ended 31st December, 1977.

Considerable progress has been made from the position at the end of 1976. Turnover for 1977 was £7,695,584 compared with £6,670,634 for 1976 and profit before tax and extra-ordinary item was £488,287 compared with £231,492 last year,

I feel it right to express our confidence is a continuing improvement in the group's fortunes by raising the final dividend to 9.46% making with the interim of 5.54% a joint of 15.00% which compares with a total of 13.808% for last year.



MANUFACTURERS OF BUSINESS FORMS AND EQUIPMENT BILSTON, WEST MIDIANDS.

NOTICE OF REDEMPTION

to Holders of

GENERAL CABLE OVERSEAS N.V.

81% Guaranteed Bonds 1979/87

NOTICE IS HEREBY GIVEN that pursuant to Section 5 (a) of the terms and conditions of the Issue whereby \$500,000 principal are to be redeemed at par on 15th May 1978 the following Bond serial numbers have been drawn for redemption in the presence of Notary Public at a price equal to 100% of the principal face amount.

BONDS OF \$1,000 EACH

12062 12111 12160 12278 12307 12404 12552 12601 12601 12601 12601 12601 12601 12601 12706 12707 12706 12717 12706 12717 | 15082 | 16675 | 15731 | 15773 | 15773 | 15773 | 15773 | 15773 | 15774 | 15774 | 15774 | 15774 | 15774 | 17066 | 15775 | 17066 | 15775 | 17066 | 15775 | 17066 | 15775 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 17067 | 1706 15532 15582 13630 13670 13775 13875 13874 13973 14012 14020 14120 14120 14217 14217 14317 14413 14413 14413 14511 14511 10592 10641 10692 10741 10798 10895 10945 10945 11044 11149 11239 11239 11237 11473 11473 11473 11572 11670 11779 11779 11779 11779 11779 11789

Bonds so designated for redemption will become due and payable on 15th May 1978 in the currency of the United States of America at the office of the principal Paying Agent Manufacturers Hanover Trust Co. 7 Princes Street, London or, at the holders option at Manufacturers Hanover Trust Co. Corporate Trust Office New York or at the Principal Office at Banque Internationale a Luxembourg, Luxembourg.

Payment of the redemption price of the Bonds called will be made upon presentation and surrender of such Bonds with Coupons No. 7 and subsequent coupons attached. Coupon No. 6 should be detached and encashed

Interest on the Bonds drawn will cease on and after the 15th May 1978.

GENERAL CABLE OVERSEAS N. V. by Manufacturers Hanover Trust Co 7 Princes Street, London EC2P 2LR

BROWN BOVERIKENT

INCREASED PROFITS AND RIGHTS ISSUE

•	12 months to Dec 31 1977	9 months to Dec 31 1976
TURNOVER	£68.8m	£47.1m
PROFIT BEFORE TAX	£6.3m	£3.0m
PROFIT after tax and minorities but before extraordinary items	£3.5m	£1.5m
EARNINGS PER SHARE	8.07p	3.44p
DIVIDENDS AND PROSPECTS	1.76p	1.20p
NOTES AND		

NOTES (a) A relatively low tax charge of £2.1m (1976 £1.1m) results primarily from the utilisation of past tax losses in the UK, but full provision has been made for deferred taxation according to the liability method.

(b) The strengthering of sterling relative to most other currences during 1977-gave rise to a reduction in the apparent value of the Group's overseas assets of £920,000 – charged as an Extraordinary (term (1976 profit £463,000).

Points from the Chairman's Statement

Ignoring the effect of exchange rate movements, orders received increased by about 19% and sales by about 14% compared with the previous twelve months."

INVESTMENT

Total fixed asset expenditure rose to £2.8m and outstanding commitments also increased ... proposals for a new factory near Stroud for completion in 1979 were recently announced."

DIVIDEND AND PROSPECTS

"The Board recommends a final dividend of 1.0p per share payable 3rd July."
"It is hoped that a further increase in sales volume will be achieved during the current year and that overall trading results will be satisfactory."

RIGHTS ISSUE

"It is proposed to raise approximately £3.8m by means of an issue of 10,856,584

new Ordinary shares at 36p per share on a one for four basis.

In the absence of unforeseen circumstances, it would be the Board's intention to recommend net dividends totalling not less than 2.2p per Ordinary share for the year ending December 31, 1978 on the Ordinary share capital as increased by the Rights Issue,"

Copies of the Report and Accounts will be available after April 25, 1978.

Brown Boven Kent Limited (54.5% owned by BBC Brown, Boven & Co. Ltd., of Switzerland), is the parent company of George Kent Limited, the International group in industrial instruments, process control and liqui

Brown Boveri Kent Limited, Biscot Road, Luton, Bedfordshire LU3 1AL



Gibbons Dudley Ltd

A fifth year of continued growth

- Highest ever profit in 1977 at £4.225 million
- Profits five times those of 5years ago Group sales exceed £50million
- for first time capital expenditure an all time high at £6million

Copies of the Report & Accounts may be obtained from The Secretary, P.O. Box 19, Dudley. West Midlands DY3 2AO.

Refractories, Building Products, Engineering, Industrial Estates

Financial Times Monday April 17 1978

Pending dividends timetable

The dates when some of the more important company dividen transments may be expected in the next few weeks are given in the following table. Dates shown are those of last year's announcements, except where the forthcoming Board meetings (indicated thus') have been officially published. It should be emphasised that the dividends o be declared will not necessarily be at the amounts or rates per ent shown in the column headed "Announcement last year." Preliminary profit figures usually accompany final dividend

	·		
	America-		I who were
Date	ment last	Date	ment last
,	Apple 1994	. Vale	Jear .
- Altroyd	,	"Lead Inda,	
AntiChirtM27 13	Inc. 5	Lloyds and	
Assoc. Kog R May 26	Int. 1.27	Scottish_May 12	Int. 1.54
Average May 19	Final 8,47551	I.000on <u>29d</u> -	
Aven Rubber May 25	DEC. 4	Northern. May 16	Final 2
Rank of Ireland May 9	Final 110	- Mallianns	Final 1.5
Ress Charrington May 25	Dar. 1.631533	DennyMay 10 Marks and	Figure 1.3
Beecham	Final 2.2736	SpencerApr. 28	Pinal 2.48
:Rerisford	-	Marley	INT. I
. K PA / MM 2	Int. 3.5	Metloy	Final 8.95
Bestobell	Final 5.21943	Minet HidgsApr. 28	Pine 1,419
- Rinektwood		MothercareMay 2	Final 3.414
House Apr. 17	F1021 2,15	*Mowlem (J.)Apr. 26	Final 4,3775
BOC Int May 25. Boots	Sec lot 1.7501	Nail and Cornel.	Int. 1.25
Berthwick	THE SAME DIVIDED	P & O	Pinal 3.53742
(Thos.)May 15	Int. 2.4	Pearson	t men and
British Rome	-	LongmanApr., 21	Sec. int. 3.610
Stores. May 2	Final 3.1	*Pearson (S.)Apr. 21	Sec. int. 4.18436
Brixton Estate May 5	Final 0.4517	Press (Wm.)May 26	Final 0.78
BSG IntApr. 18 Burmah OliApr. 19	Final 1.1375 Final no.	PRansome Hoffmann	
Burton GoMay 12	Dat 6.6	Pollard. May 24	Int. 1.44
Cater Ryder May 16	Final 12.733	RHMMay 18	Int. 1.32 Final 6.9977
City Discount Apr. 20	Final 3.8	Resented Int. May 12 Rayco	Finel nil
Coalite and		Rusby Portland	
ChemicalMay 19	Pinel 0.3896	CementApr. 17	Final L61
Coats Patens May 19 Coral Leisure ADT. 20	Pizzi 1.8778 Pinal 3	Sainsbury (J.) May 4	Final 3.57
Costato (R.)	Sec. int. 1.3907	Samuel (H.)May 24	Sec. int. 8.4
Bortanide	Vine 664	Serck	Final 2.31 Int. 3
DITTYS Apr. 17	Finel 4.04439	Simon Eng'gApr. 24	Final 4.5523
Debenhama	Final 3.3897	Smartt (J.)May 2	Fine! 4.83175
Delta MetalApr. U	Final 2.612	SpillersApr. 27	Final 1,94825
DenlopApr. 20	Final 2.6 Final 2.29133	Staffex IntMay 20	Final L41
Dupart May 18	Final 4.7	Staveley Inda _ May 12	Int. 4.4
Ever Ready May 20	Sec. Int. 2.871	Swan Hunter May 24	Sec. int. 2.5 Final 5.298
Poseco Minnett Apr. 26	Final 2.4071	*Termac	Finel 3.65
French Rier May 18	Final 8.5	Trafalgar House May 19	Tot. 2.34
CHINESE WHILE THE IT	Sec. int. 4391	TripleyestMar. 31	Final Lett.
Terrard and		UDS	Final 2,7
Nat. Discount Apr. 28	Final 4.816 Final 1.25125	Vanx Brows, May 10	See int 6.83
20bs (A.)	Final 3.13	VickersApr. 27	Pinal 5.2966 . Final 2.836
Hawker		Whitbread Inv. May 12	Final 9.40968
Siddeler Aug. 18	Pina! 7.5933	"Wimpey (G.)Apr. 27 "Youghal	E-STATE SHARES
Beath (C. E.) May 17	Figure 9.1		
CL	Int. 2.6	CarpetApr. 31	Tital 4.00
K ShoesMay 27	Int. 0.77 Final 2.07375	A Basel manda - hole	and a priston
and Investors. May 18	Int. 0.4	Board meetings built	e free. I Scrin
Sports	Pinal 1 1101	issue since made from res	WASH. Transfe
- Total of the state of the sta			

Public Works Loan Board rates

Svenska Varv sees further Kr1.5bn. loss

BY WILLIAM DULLFORCE

IN 1977, its first year of opera- produce for stock has been tion, Svenska Vary, the Swedish heavily criticised by foreign state shipbuilding company, shipbuilders.

made a pre-tax loss of Kr.2.24bn. A breakdown of the currency (\$428m.) on a total turnover of losses shows that last year's Kr.4.66bn. (\$1.02bn.), according devaluation of the krona cost to the first source present in Swedish Vary some Kr.400m.

The major components in the to fluctuations in the dollar rate. Kr.2.24bn. loss are a Kr.912m. Over Kr.1bn. of the pre-tax provision for anticipated cus-loss, excluding the currency tomer defaults, Kr.846m, from losses, is attributed to the yards tomer defaults, Kr.846m, from losses, is attributed to the yards exchange rate fluctuations, of building new ships. The modern which a large part stems from Arendal yard in Gothenburg had the inherited Swiss franc loans, the biggest loss, Kr.544m, while and Kr.594m, for the losses the the smallest, Oresund, kept its yards are expected to make on deficit down to Kr. 14m. But current production. The pre-tax even the repair yards turned in loss is reduced by Kr.400m. considerable deficits for 1977, through the state guarantees while the shipping company, available to Svenska Vary for Zenit, formed to operate ships producing ships on its own which enstowers could not nav

to the final figures released in Svenska Vary some Kr.490m., Gothenburg on Friday. The while the loss from the appreciable and anticipates a further loss tion of the Swiss franc is posted of the order of Kr.I.5bu. this at Kr.356m. The State company year and notes that under hopes to repay the Swiss debts Swedish law it would be forced as speedily as possible with the into liquidation at the end of aim of liquidating them by 1981. 1978 without further intervention. This policy will, however, by the state.

The major components in the to fluctuations in the dollar rate.

In the light of the companies of the com

Thomson Brandt profits up

By David White

PARIS, April 16.
THOMSON-BRANDT, the parent
company of the giant French
electrical armaments and telecommunications concern, showed
a Fre 20m increase in net earn. a Frs. 20m. increase in net earnings last year to Frs.160m

The proposed dividend, at a gross Frs.15.50 per share, is unchanged from the previous year. but will be paid on higher capital after a one-for-five scrip issue made in October.

Parent company sales rose to Frs.4.02bn. from Frs.3.58bn. and turnover of the Thomson Group as a whole to Frs. 19.68bn, from Frs. 16.87bn. The near 17 per cent rise in consolidated sales includes the

contributions of two companies which were last year taken under the wing of the group's elec-tronics and telecommunications unit Thomson-CSF.

MINING NOTEBOOK

Libanon should pay out well in June

sits and sito. In the meantime, any strong recovery may have to await the resolving of another current uncertainty. This is what form the International Monetary Fund suctions will take in mid-year when the presently planned series of offerings will have been completed.

South as been the quiet way in South as been the guiet way in South as been the quiet way in Melbourne. On Friday is was 95 cents and the London quote was 90p, a 35p rise on the week.

The reason for the January advice to hang on was the componited out here that about the pany's cash flow from a wolfram only bull point for Australia's BH South has been the quiet way in Melbourne. On Friday is was 95 cents and the London quote was 90p, a 35p rise on the week.

The reason for the January pointed out here that about the pany's cash flow from a wolfram only bull point for Australia's BH South has been the quiet way in

THE RECENT gold price tremors, largely brought about by fears that the U.S. Treasury will deem a resumption of bullion sales day's mining column, June necessary in order to defend the dollar, have not entirely quenched the search for producer shares that would gain most benefit from conce-for-all boost from the wards the s200 level. Inquiries on this score still flow in.

As for the gold market itself, there appears to be some resistance to the down-trend in the 5175-5180 area. The next major support level would be between any strong recovery may have to await the resolving of another curring bonus into account was 90p, a 35p rise on the country has rowal deals are being held with two parties who have expressed interest in making such a deal.

Tasminex now lit is reported from Sydney that talks are being held with two parties who have expressed interest in making such a deal.

Tasminex that high-flying Australian comet which burned out so quickly way hack in 1970, was revalued its bullion the country has revalued its bullion that the country has revalued its bulli

dend polic

Reyser Ullmann Rnowsley & Co. Ltd. Lloyds Bank London Mercantile..... Banque Belge Ltd...... Banque du Rhone Barclays Bank Barnett Christie Ltd. Bremar Holdings Ltd. Brit Bank of Mid. East Canada Permanent AFI 64%. Capitol C & C Fin. Ltd. 81%. P. S. Refson & Co. Rosaminster Accent'cs Royal Bk. Canada Trust -Schlesinger Limited ... E S. Schwab Security Trust Co. Ltd. Charterhouse Japhet... 61% Choulartons Choulartons C. E. Coates Co-operative Balk 51%
Cordit Lyonnals 61%
The Cyprus Popular Bk 51%
Duncan Lawrie 51% Whiteaway Laidlaw ... Williams & Glyn's..... Yorkshire Bank Eagil Trust English Transcont...... First London Secs. 61% First Nat. Fin. Corpn. 61% First Nat. Secs. Ltd. ... 8 %

E Guinness Mahon 64% | Demand deposits 42. Hambros Bank 64%

BASE LENDING RATES A.B.N. Bank 64% Allied Irish Banks Ltd. 64% American Express Bk. 64% Amro Bank 64%

81% Morgan Granfell 51% 51% National Westminster 61% Norwich General Trust 61% Trustee Savings Bank 61%
Trustee Savings Bank 61%
Twentieth Century Bk. 71%
United Bank of Kuwait 81%

mder 3%. up to 25,000 32% over 223,000 42%.

BY COLIN MILLHAM

FOREIGN EXCHANGES

officials over the last few months

Thursday, since something The dollar improved to DM2.0325 approaching a record surplus is officials over the last few months. The dollar improved to DM2.0325 approaching a record surplus is have sometimes appeared to increase the downward pressure increase the downward pressure on the dollar.

President Carter's speech on his anti-inflation programme on may have sold dollars to push up dollar, since as the foreign except while the pound finished at change market has shown before cases this would help to relieve of England, fell from 62.2 to 61.7, actions speak larger than words. The dollar improved to DM2.0325 approaching a record surplus is and market practice is to fix which the whole of the insurance in the light of prevailing conditions.

The dollar improved to DM2.0325 approaching a record surplus is and market practice is to fix which the whole of the insurance in the light of prevailing conditions.

The policyholder also fixes a suitable percentage to cover both renewals, in addition to the problem.

On the domestic front, most and inflation from dark of the insurance year of index linking the policyholder also fixes a suitable percentage to cover both renewals, in addition to the problem.

On the domestic front, most and inflation from dark of the lowest closing level since as the foreign except while the British trade to continues the market practice is to fix which the whole of the insurance in the light of prevailing the policyholder also fixes a suitable percentage to cover both renewals, in addition to the problem.

On the domestic front, most and inflation from dark of the lowest closing insurers are now in their (which may be the last day of required to pay an adjustment second year of index linking the insurance year) to ultimate and inflation will run feat of the fixed with and highly appears to fixe and inflation from dark of the fixed with and highly appears in the light of prevailing to fixe and his inflations.

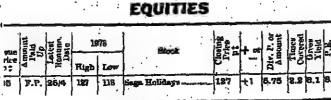
The dollar improved to fixed the except and in the light of fixed control of the suitable percentage to cover both in the fixed with and his inflation in the light of fix

Dollar optimism returns

	•	-		-	~	-	
	Loes Auth- negotiable honds	Finance Boune Deposits	Company Deposits	Discount market deposit	Treasury Bills o	Eligible Bank Bills o	Fine? Bill
1	_	~	<u> </u>	. 3-5	_	_	-
Į	_	_	} —	-	_		\
ł	- 1	4- 4-	, -			_	}
ı		63a 634	1 —	9-515			1 <i>-</i>
1	718-578	67g-714	1 -	536.512	67e-64	G17-57s	7
ì	74a-67a	74.74	· —	64	64,7	7-7-6	7
1	734.718	71g-8	\ 	7	``7	74-7-	7
	71.74	Blauba.		1 _	_	74-710	l a
	848-84	9	1 —	- 1		_	(<u> </u>
١	9.810	يآو			1 -	l –	1 -
				_	I _	L	I

ad authorities and finance houses seven days' notice others seven days' fixed. Long-term and authorities and finance houses seven days' notice others seven days' fixed. Long-term the lay three years 104-105 per cent.; four years 114-115 per cent.; four-month rade proximate selling rates for one-month Treasury bills 6156 per cent; two-month 61 per cent.; and approximate selling rate for one-month bank bills 6116 per cent.; two-month 61-616 per cent. Approximate selling rate for one-month bank bills 6116 per cent.; two-month 61-616 per cent. Approximate selling rate for one-month bank bills 6116 per cent.; two-month 71 per cent. from Abril 1 per cent. The second file of the cent.

RECENT ISSUES



FIXED INTEREST STOCKS

	rike	and Up	sunna. Date	15	78 ′	Stock:	Cloring Price &	+
٠.	: 124	125		High	Low		5≈	L
	100 00 00 00 00 00 00 00 00 00 00 00 00	F.P. M81 P.P. P.P. P.P.	21/4 28/4	110p 1011 ₂ p 271 ₂ 103p 103p	5934 109p 1004 p 21 199p 1044 p 1021 pp 102 66 97 115p	Amul. Inda. 10.65 Ent. Pr. Amur. Express for Fig. Variable *2. Armitage (G.) 10125 2nd Cuna. Pref. Britians 55 Conv. Cum. Red. 2nd Pref. Britians 55 Conv. Cum. Red. 2nd Pref. Gadek Makey. 105 lat. Most. \$5.28 Genegas Whiteey 55 Pri. Jenn & Cattel 105 Cum. Pref. Ministrator Water 75 Red. Pri. 1925 Pearson (c) 10125 Pry. Crv. Ln. 1985-5. Taiber 11125 Cuv. Una. Ln. 73-58. W. Brunwich Spring 11.55 Pri. York Water 115 Deb. 1986	5912 110p 1001p 2712 991p 102p 1621p 162 96	

"RIGHTS" OFFERS

ville Fice			ert unc. te	19	78 Low	Stock	Closing Price P‡	+ '
;i0 i5 i2	Nil F.P. F.P.	30/3 29/3	13/4 10/8	66 pm. 34 86	62pm 29 76	Bullough O. H. Iodustrials Watmough	62pm 301 ₂ 65	-i

ver based on previous year's earnings. Fibindeed and yield based on prospection of the estimates for 1979. Q Grost. 7 Figures assumed. Cover allow conversion of shares not now tanking for dividend or ranking only for restrict ridends. Flacing price to public. pt Penes unless otherwise indicated tender. I Offered to holders of Ordinary shares as a "righta." Right way of capitalisation. It Minimum tender price. Is Reintroduced. I listed connection with reorganisation metreer or take-over. If introduction. I listed former Preference builders. Millionism tetters (or fully-paid). Provision partity-paid alloiment letters. Twith warrants.

GOLD MARKET CURRENCY RATES

51g-57g

57g-6 61g-67g

74.74 718-8

7,

· ·	april 14	- April 10		Brawing Rights	Un
id Ballion.				April 14	Apr
enius	\$178-1784 \$176-1784 \$176 20-	817734-1761a 817951-1501a 8179.40	Sterling	0.664548 1.25558 2.48611	0.67 1.25 1.44
igen'n fla'e	k£95,817	(£95.798 \$178.6 £95,508	Austriaech Beigian franc. Daoish krone. Deutschein rk	18.0827 39.1555 6.91431 2.51132	18.3 39.7 7,08
rd Coin me-tically rigerrand	\$185u-1:54	\$184-186 (£984-991 ₄₁	Datch guilder French franc . Italian lire	9.67997 5.64722 1055.86	2.72 5.74 107
W. OCH STA.	(£394,345) \$ 44. 64 (£344,304.	9 ,434,6664 (2294-5 4)	Japanese yen. Norway krone	271.086 6.61777 98,7265	276. 6.70
S CONTRACT	T 15-06	3:64,584 (25 4 514)	Spain peseta Swedishkrone Swiss franc	5.67131 2.33030	5.75 2.36
d Coins		51834-1854			

(258) 4-934 (2575, 984) (258) 4-934 (2575, 984) (258) 4-934 (2575, 984) (259) 2-10 (259) EXCHANGE CROSS-RATES

> 1 44.46 57 6.418 328 3.772 722 84.65 75 1.90 94 3.16-17 1.5690 570 46.15 20 14.25 467 12.496 16 210.16-86 bit.24 59.0 14.28-6 8.467 473 0.5-8. - 4.011-01 31.63 56 31.63 56 1. : 6-d 7

U.S. \$ in Toranto U.S. \$ = 114.55-60 Canadian vents, when \$ in New York=07.29-39 ents, U.S. \$ in Milan 854.40-70.
Sterling in Milan 1587.62-1569.05.

EURO-CURRENCY INTEREST RATES*

April 14	ster m.	Do at	U.S. Donas	out den	1130.	W. German			
ings notice of the control of months. conting	714 159 168 778 14-012	634.734 034.734 734-818 818 18 15-13 58-9	034.7 054.7 7-714 114 12 58-778 78 619	41g-45g *1g-45g *1g-45q *1g-45q *1g-45q 45q-5	1 11 ₈	original de la companya de la compan			
Euro-French deposit rates: rwo-day \$3.55 per cent.; seven-day \$3.51 per cent.; -month \$1.55 per cent.; three-month \$1.55 per cent.: six-month \$1.51 per cent.: -year \$1.06 per cent.									

Long-term Eurodollar deposits: two years 31m-53m per cent.; hour years \$1.51 per cent.; five years \$7m-53m. The following nominal rates were quoted for London dolls one-mouth \$35-7.05 per cent.; three-mouth 7.15-7.25 per cent. cent.; three-mouth 7.15-7.25 per cent.

FOREIGN EXCHANGES

-				
opean		Uenk	Market	Rates
eount	April 14	linic:	Bay's Spread	Cine
75264 5485 7487 7867 7868 7710 7868 7868 7868 7868 7868 7868 7878 787	New York Mustreat Mustreat Mustreat Mustreat Mustreat Copenhager Frankfur Lishon Madrid Mitan Oslo Parie Stock bolim Tokyo Vieuna Zurich	812 4 814	5.781-5.79 78.50-77.50 749.10-749.86	4.014-4.02; 58.55-58.65 10.36)-10.38; 8.77-3.78 76.75-77.28
	tRates giver Financial for	en ar	re for conver 88.55-89.75.	tible francs

1572-1574 Ar 86.69-86.72 Yugaslavia 554-57 Rate given for Argentina is a free rate

FORWARD RATES

ix8.0-30 3.10-30 2×2.16-65 ir.76-82 5.46-10 i14.85-115.

	One month	Three month
New York.	.08 c pm .02 c. pm	0.22-0.12 c. μα
Montres .	0.15 0.25 c. die	0.35-0.45 c. d
Front Grun	13e-36 c. pm	31g-21g c. pm.
Crussers		40-25 c. pm 19-21 pre dis
Cop than.		41g-31g pt. pm
F PROFIDE	112-10 pf pm 60-170 c. dis	880-540 e. du
Madeld	BO c. dis	70-150 c, dis
Milan	6. LI liro des	19-28 lire die
Osio	73,-934 onedis	17j-19j oze d
Parle	La-1 le co dis	Ila-Big c. dis
yr ckbolm	11g.31g are dia	44-64 ore du
leases	5 gruum - 5 grodie	egropm-2grod
20U.S	2 ig 1.5g c. pm	658-668 C. pm

INSURANCE

Protection against inflation

There are much larger values centage becomes 21 per cent for value in the subsequent year, at risk in buildings and stocks, the two-year forward period. Insurers give no rebate, unless because property is of widely different kinds and commercia considerations, he then pays positive diminution of risk from property covers are normally subject to average.

For some time, insurers have

For some time, insurers have been offering a policybolders cover from the starting point of basic valuation by a professional plus a suitable addition for inflation provision, but have

made this cover subject to the overriding point that the condition of average will apply a the time of reinstatement.
As a development of insurers are now offering large commercial policyholders what should prove to be a more attractive form of inflation proattractive form of mination pro-tection for buildings, plant and machinery insured on a re-instatement basis. The new scheme will be available on and from May 1, and will be avail-able where the value of the

SIMCO MONEY FUNDS Saturn Investment Management Co. Ltd.) Rates of deposits of £1,000 and upwards for w/e 16.4.78.
7-day Fund %p.a.
Mon. 5.807

Thur.

Fri./Sun.
3-Month Fund
Wed.

5.643 5.634 5.603 5.428

Politicians on both sides of the dollar has continued to weaken. The dollar's rise is not situated should be getting used to financial markets reacting untended to improve in fairly quiet sentiment about the dollar has favourably to their pronounce-industrial markets reacting untended to improve in fairly quiet sentiment about the dollar has favourably to their pronounce-industrial markets reacting untended to improve in fairly quiet sentiment about the dollar has shown signs of improving remains and economic measures.

Budgets in the U.K. and Canada tion, since the Washington worst is over as far as unsettled the first time this month last perfect currences are concerned.

Well received as far as their respective currencies are concerned. The Japanese yen may rise becomes the declared value on distance on timeston the first time this month last times the inflation continues becomes the declared value on designed to the inflation astimates market, under Aft the outset, the policy selected. This surcharge runs insurance continues to be a holder bas to calculate the from a minimum of 12; per cent, inflation continues to be a holder bas to calculate the from a minimum of 12; per cent, inflation continues to be a holder bas to calculate the from a minimum of 20 per cent, inflation worst is over as far as unsettled the risks they cover, and for pounds, ignoring antirely the cent, for an 80 per cent, inflation of getting their claims met only delay in repair or rainstancement. The resister, at each renewal, the first time this month last truther, since something of large runs and the first is something or perty, in present day, immediate, estimate, to a maximum of 30 per cent, inflation of getting their claims met only delay in repair or rainstancement. The resistence of full resistance is to first time the inflation of the dollar improved to Diff. 30 per cent. Inflation of the dollar improved to Diff. 30 per cent. Inflation of the dollar improved to Diff. 30 per cent. Inflation of the dollar improved to be a holder

and on contents, to keep sums If he thinks inflation will run declared value at the beginning insured and premiums adequate, at 10 per cent, a year and rein- of the year and at the end.

On the commercial front, statement will, at the most, take In the unlikely event of there there are different problems a year, then his appropriate per being a reduction in declared.

These are much larger value, centage becomes 21 per cent for value in the subsequent year.

FINANCE FOR INDUSTRY TERM DEPOSITS Deposits of £1,000-£25,000 accepted for fixed terms of 3-10 years. Interest paid gross, half-yearly. Rates for deposits

received not later than 21.4.78. Terms (years) 3 4 Interest % 9; 10 101 101 11 111 111 Rates for larger amounts on request. Deposits to and further information from The Chief Cashier, Finance for Industry Limited, 91 Waterloo Road, London SE1 SXP (01-928 7822, Ext. 177). Cheques payable to "Bank of England, a/c FFI." FFI is the holding company for ICFC and FCI.

LOCAL AUTHORITY BOND TABLE

	Anthority (telephone number in parentheses)	Annual gross interest	Interest payable	Minimum sum	Life of bond
		%		Æ	Year
H	Barking (01-592 4500)	8	-year	5,000	2
Ш	Barnsley Metro. (0226 203232)	10	-year	250	4-7
	Redbridge (01-478 3020)	20	+-year	200	5-7
	Rushcliffe (0602 811511)	91	}-year	500	3
Н	Southend (0702 49451)	84	∳-year	250	8
Ш	Thurrock (0375 5122)	101	₹-year	300	4
Ш	Thurrock (0375 5122)		i-year	300	5-8
	Wrekin (0952 505051)	r0	yearly	1,000	4



Banque Nationale d'Algérie US \$30,000,000 Floating Rate Notes due 1982

Banque Nationale d'Algérie ("BNA") hereby gives notice in accordance with the Terms and Conditions of the US \$30,000,000 Floating Rate Notes due 1982 issued by BNA that the rate of interest for the second interest period running from 17th April, 1978 to 17th October, 1978 has been fixed at 85 %.

By: Kuwait Investment Company (S.A.K.) (The Fiscal Agent for the said Notes)

17th April, 1978

· ----

EUROBONDS

BY FRANCIS GHILES A story of sterling woe

FOR THE SECOND time since term gilts were close to 13 per issue by a French bank since Clearly investors mind the fall are rushing to raise money while April 1, the main story of the cent. in many cases and that the General Elections held in in coupon less when it applies to it is cheap and believe that week was one of woe for sterling yields on sterling bonds must France last month. A private top quality short term paper but credit conditions will tighten denominated bonds. Prices in this rise to similar levels before placement of floating rate notes feel that a 6 per cent coupon 500n. week was one of wee for sterling yields on sterling bonds must France last month. A private top quality short term paper but credit conditions will tighten sector were hit for six by the prices stand any real chance of rise of one point in the Minimum Lending Rate announced by the prices could well shed a further Chancellor of the Exchequer, Mr. two or three points in the next Denis Healey in his budget week or so.

Denis Healey in his budget week or so.

The dollar sector was firm brown points as professional selling gathered momentum. Worse monst bonds had shed over two points as professional selling gathered momentum. Worse the last day of trading had a quieted at 88½. Two new issues that last points on the week. The first of thing, by Friday evening, prices and all points on the week.

The Gestelner issue held up held the food processing comman had plant prized animal, a triple triple AAA U.S. corporation, in this case the food processing comman had need even the cause of its smaller size and higher coupon. Although yields into the market.

A further sign of the determinational Commercial Eank Mexican is much too tight. The international Commercial Eank Mexican is much too tight. The later of China, which is based in french Treasury has succeeded to the form threathing the lowest coupon so arranging this five year bullet far for a French borrower; has market, 3½ per cent. for 10 years arranging this five year bullet far for a French borrower in this market, 3½ per cent. for 10 years arranging this five year bullet far for a French borrower in this market, 3½ per cent. for 10 years arranging this five year bullet far for a French borrower in this market, 3½ per cent. for 10 years arranging the lowest coupon so arranging this five year bullet far for a French borrower in this market, 3½ per cent. for 10 years arranging the market in proved be beset on a ½ per cent. over the market is proved in the market in proved and the market in proved and the private development in the success of its smaller size and of w

A further sign of the big banks and there will be no deteriorating trend in this market was that dealers were tradseling group discount will be not selling on wider spreads than is the normal 14 per cent, for paper normally the case, usually hetween three quarters and a full point.

The toating rate note sector was firm with the recent Amex was firm with the recent Amex issue being quarted either side of

Few dealers were expecting a issue being quoted either side of recovery this week. One of them par. The Credit Commercial de argued that yields on longer France floater is the first such Cedel

M.Y.S.E. ALL COMMON

FUROSOND TURNOVER

1,913.6

477.3 477.6

336.4 316.7

Pises and Falls

par with a coupon of 71 per

99.11 (13/2) 99.15 (16/2) A decision on when to 73.84 (2/1) 93.03 (13/1) relaunch the 25m. unit of account issue for the City of Copenhagen, which was delayed last Monday, is expected to be contact that week by lead taken early this week by lead manager Kredietbank Luxem-

GERMANT .

	CURRENT IN	TERNA	TIONAL I	BOND ISSI	162	:
Borrowers	Amount. m. Maturity	Av. life years	Coupon	Price'	Lead manager	Off
U.S. DOLLARS			<u> </u>			7
### TAMERICAN Express ###################################	40 1982-85 35 -1985	7	9	100 100	EBC, Amex Bank Merrili Lynch	~
Dai-Ichi Kangyo) TVO (g'teed Finland)	50 1985 25 1988	7. 7.8	5}[] 8}	100	First Boston (Europe) ADIC, KFTCIC	5.8
†United Overseas Bank ††United Kingdom	200 1985	5 7	.	100	Chase Man. Ltd. Salomon Morgan Stanley	10
† United Kingdom †Crédit Commercial de France	150 1993 35 1985	· 15 - 7	4 5≩∥		Morgan Stanley	
Beatrice Foods	100 1983	5 .	73 73	19 m	Kidder, Peabody Int.	
D-MARKS	1 (Tu)					
‡Spain !Light-Services	200 1988	10	. 4	100	Dresdner	6.0
(g'teed Brazil) ‡ADB Norway	150 1986 190 1988 250 1983	8 10 5	. 6} 5.5	100 99.75 100	Westdeutsche Landesban Deutsche Bank Deutsche Bank	5.5
TCie Fin de la Deutsche Bank	200 1983	5	4-	108 .	Deutsche Bank	4.37
P.K. Banken S.A. Railways Province of Quebec	100 1965 40 1982 150 1990	10 4 9.5	517.	100 100	Dresdner BHF Bank Westdeutsche Landesba	5.7; - 7.7; nk.
Elf Aquitaine §Sankyo Electric	700 1988 40 1984	8.97 8	5 1 .	99 100	Deutsche Bank Bay. Vereinsbank	5.38 4.0
GUILDERS !**ABN	75 1983	5	61	99]	ABN	6.3
YEN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			12 T		
‡Sweden ‡RENFE	40bn. 1990 16bn. 1990	9.9 9.9	6.3 6.5	99.60 99. <u>1</u> 5	Nomura Securities Nikko Securides	0.2 12.2
KUWAITI DINARS	7- 1985-90	_ :	81	100	Kilc	8.2
	that terms ** Pla stered with U.S. Securit	coment des and Ex	† Floati	ng rate mote emission	f Minimum 5 Come	rtible

Acid. #

.6.61

10.01

AUMIL (20 centa

ite.witt & Chrima

TOKYO ¶

Securities Rand SU.S.0.76 (Discount of 33.9%)

Price + or Div. Title

1.6.6+1 121 6.4

Assoc Pulp Paper \$1...... Assoc Con. Industries..... Aust. Foundation Invest.

Indices NEW YORK -DOW JOHES

. Ann. I have	i		Apr. Apr	INIE		printe combine.	
14 13	13 1	1 10	7	Ніді	Low	High ;	Low
viustrat 786.18 775.2	1 758.25 77	.18 775.85	788.54	6 7.74	742.12		
"inc B'n _{*i} *" 89.54 89.2	1 89.20 8	9.50 89.56.	89.85	(3/1) 90.88	(28.2) 89.20	(11/1/73)	(26) 1/02
ran-port 215.77 209.6	907 44 90	7 70: One uni	000 00	44/13 216.77	(12/4) 19a.51	279.88	15.25
	1 :			(8:1)	19/11	(7/2/69)	
Disties 106.08 165.8	9 105.82 10	5.93 105.92	105.85	T10.99	102.84	165.52	10.58
ruting tal." - 000°. + 52-280° 51.68	9,28,210, 24	.580 25,740	25.160	(3/1) —	(22/3)	(20)4/69)	_
" Rasty of Index chai	aged from	Angust 24.					
lud, div, yieki €] Apr.	7 Ma	r. al .	Mer,	24 ; Y	est syo is	pprox.i
ridge inte Califord #	6.06	El.	16	5:1	5	4,63	

ind, div, yield 🖁		8	.56·	5.5	9	5.4	6	6.3	II.
		Ap	rsi 12	: Apr.	. ь .	. Mar.	. 24 j Y	(ear ago is	upprox.)
\$Campeatr, \$2.92	90.26	80.11	90.25	90.48	80.17	18. Li		125.95	
; imiustral, 102.55	106.63	89.08	88.27	98.54	36.17	106.22	86.52	154.64 (11/1/75)	3.52

451s Coruins Guerrande 4214 CPU Intervious 241s Crans Crans Crans Crans Crans Crans Crocker Natural Crans Cr

Dans Industries.
Deste Industr

Bamark
bathvi.
cassii Caneta
fan-hist Caneta
fot. Dept. Stores
freetone Tire.
est. Nat. Boston,
feri Van.
Fintacte
formis Power
found
freeton
found
freeton

244 | Frechail

848 | Frechail

104 | G.A.F.

3434 | Gamet |

858 | Jen. Amer. Int.

2234 | G.A.T.A.

1112 | Hieu. Ushue.

234 | G.A.T.A.

1112 | Hieu. Ushue.

2558 | Hieu. Dynamics.

4412 | Gren. bicctrics.

2658 | Hienera Millis.

5748 | Genera Motors.

1912 | Gen. Pal. Cili |

184 | Ush. Cili |

184 | Ush. Cili |

185 | Genera Motors.

192 | Gen. Pal. Cili |

186 | Ush. Tak. Elect |

187 | Ush. Cili |

188 | Genera Motors.

192 | Ush. Tak. Elect |

193 | Ush. Tak. Elect |

194 | Ush. Cili |

195 | Ush. Tak. Elect |

197 | Ush. Tak. Elect |

198 | Ush. Tak. Elect |

199 | Ush. Elect |

199 | Ush. Elect |

190 |

617g | Howest Parkan |
1414 | Holisty Inns. |
31 | Homestake |
4314 | Homestake |
4314 | Homestake |
2415 | Homestake |
2516 | Homestake |
2517 | Homestake |
2517 | Homestake |
2518 | Homestake |
2519 |

Intercon Busry
IBM
Intl. Fisvours
Intl. Hir & Chem
Intl. Mr & Chem
Intl. Aulthorsts.
Inco
Intl. Paper
IPH
Int Recenter.
Int. Tel. & Tel.
Invent.
Inven

\$1 annjærette * 92.92 90.28		30170	18. ls (018	10 125.48 4,40 5) (11/1/13: (1/6/32)	
	Aprel 12	: Apr. b 🖖	Mar, 24	Zett sto (shbtoz*)	
Ind. div. ytebi 🖁	6.56	5.39	5.46	4.31	
Int. P/E Batto	0.05	8.48	0.48	10.41	
ong Gort, Bond yield	8.34	8.32	8.25	7.68	

					()	1979	ì						
NEW YORK -D	OW JONE	5		•	Apr. Apr. Apr. Apr. 11		Luw 48.87	klasses tra Klass Falis Luchange	1,232	1.866 1.850 1.041 736 401 636 424 479	Alsti	88.8 485 219.5—0.5	418 418
Apr. Apr. .	Apr. Apr. 13 11	Apr. Apr.	Wis High I Lo	butte compilat in	61.94 59.91 60.45 M.47		45.67 (6/3)	New High New Low	15	14 85 109 22	BASF Bayer bayer Hypo Bayer Vererosbie	157.9° +2 140.3—0.5 287 518 —5	17 16 18 18
n lustrai 785.18 775.21 7 "Inc B'nus" 89.84 89.21 ransport 215.77 209.68 2	158.25 770.18 89.20 89.50 807.44 207.76	775.65 788.54 89.56, 89.55 809.80 201.02	6 7.74 742. (3/1) (28: 90.88 89: (4/1) (12: 216.77 189. (3/1) (6/	12 1051.70° 41.22 22 (11/1/75) (2/7/52) 20 4) 1 279.85 15.25 5) 1 279.86 (8/1/52)	Industria Combined	180-21 17 189-54 18	13 1 9.88. 177 6.10 188	or	186.54)14/4)	Low 162.90 (16:2) 170.62 (30:1) 986.2 (30:1)	Cife Int Ned wrty Commerciank Cont Gumm (Aumer beny Deguse Deguse Deguse Deutsche Hank Dredner Bank	258.3 — 1.6 77.5 — 0.7 298 — 1.6 250 — 1 160.5 — 262a — 0.5	17 19 17 18 18
Dinties 105.09 105.89 1 Puting tal.' 000's + 62-280' 51.586' 2	j		(3/1) (22)			185.9 19	7.8 T	88.9 198.4 16.6 206.6	218./ (1/2)	196.0 (21/6) 194.4 (15/6)	Oyckerhoff Zemi Gutehoffnung	145 100.5(+0.5) 113 +0.2 291.5 -0.5 162.7 -0.2	12 1 12 1 16
" Rasis of index change	d from Ang	UST 24.			April Pre-		1975		April Pr	- I late late	dorten	45.2;+1.2 125 —1	10 2
ind, div. yleki 🏅	Арт. 7 6.06	Mar. ol 6.16	Mar. 24 5:16	Year ago (approx.)	14 tou Australia(5) 484.88 (481.	77 479.46 (å/1)	441.19 (1/3) 90.43	Spain	(d) 94.05 94.	10/1) (17/6)	Karstadt	189.5-5 504 -2 209.55 92 -0.9	9 20 20
TANDARU AND POOK	15		1000		* Belgium (i) 88.37 98. (Denmark** 95.25 95. France (11) 65.4 65.	(11/4)	90,43 (12,1) 94,00 (6/2) 47,5	Sweden Switzeri	. (0 878.20 825.74 (14.4) (8/1) 1 296.38 220.4 1 4 (10.6)	EHD brupp Libie	175 +1 96.1 -0.2 241.5 -1 1,550	16 2 16 2
14 13	pr. Apr.	Δpr. Δpr. 10 7	High Lor		Germany(12) 783.5 794	(7/4) 6 8)2.7 (10/2)	(3/2) 788.2 (4/1) 76.0	100 exce Standards	pt NYSE AL	(ali base values Common — 50 10 and Toronto	Latthane LAN Nancement	169 —2.5 169.5, +1.5	14 4 14 4
	19.06 89.27 _;	98.54 88.17 90.45 90.17	(3:1) (6/8	ij (11/1/31 (30/6/32) in 185.95 4.40	Hong Kong 436.96 442.	(4/4)	(4/4) 383,44 (13/1)	† Excludi: § 400 Ind 20 Tran	, 40 Utilities, ISPORT. (§) Syd	60 Industrials. 40 Finance and	Metalige	205 — I.2 550 115.5 111.5 — 0.4 188.6 — 0.2	79 4 70 3
	Aprel 12	i Aprub	·' Mar. 24	Year ago (approx.)		(6/3)	(10/1)	SE VV	73. (††) Paris	Bourse 1961. 953. (5) Amuter-	Nighting	239 —1 250,8 —0.2	16 2
rd, div, ytebi %	6.56	5.39	5.46	CII.	Japan (2) 411.08 408. Bingapore 298.38 298.	(14:4)	(4/1)	dam. I	odustrjeh 1970.	197) Hang Sens	bud Guoker	242.5 - 0.5 126.7	17
ot. P/E Batto	0.05	8.48	0.48	10.41	Bingapore 296.56 298.	(14:4)		New SE	4/1/68. (b) Str	tits Times 1968.	· ETA	176 2.5 1 105.6 0.9	
ug frast, Bond Field	8.54	8.32	8.25	7.66					olm Industrial	/1/88. (J) Swiss	Volkerragen	297 ± −1 ±∪8.7 −0.5	18 9
OVERSE	EAS	SHA	ARE	INFOR	MATION		_			4	L at \$2.60 to \$- rate (1.8565)		

High

281₈ Teueron Petrolema 251₈ Texaco Petrolema 251₈ Texaco Texaco 1611₂ Texas Inst. Texas 291₈ Texas Utilities 291₈ Texas Utilities 345₈ Time Inc. Time Inc. Time 1 Trans 151₈ Transmerits 176₈ Transmerits 176₈ Transmerits 176₈ Transmorits 17

Univoyal.
Univoyal.
United Brands.
US Bancerp.
US Soc.
US Steel.
US Steel.
UV Industries.
Virginia Biect.
Waitered.
Waitered.
Warner-Commin.
Warner-Lambert.
Woote-Lambert.
Woote-Lambert.
Woote-Lambert.
Western Mancory.
Western N. Amen
Western Union...
Westinghas Blect.

45% 57½ 17. 4,70 1,11 25 1254 14,155 53% 18 18

John Manville... Johnson Johnson

994, Joy Magumetur's
88 k. Mart Corp.
88 Kabera umin'n
14 Kaber Industrie
154 Kav.
198 a semie cit.

Largest Group...
Listy (Hit)
Liston Industrial
Lockbeed Arro'ir
Lone Star Ind
Long I-unit Ltd
Lourbian Land
Lucky Store
Lucky Store
Lucky Store
Mackittan
Macg. R. H.
Mapo
Marshan Oil
Marshan Field
Marshan Field

307a May Dept. tores
32-b McDemott.
32-b McDemott.
32-b McDemott.
32-b McDemott.
32-b McGraw Bith.
32-b McGraw Bith.
33-b McGraw Bith.
34-b McGraw Bith.
35-b McGraw Bith.
35-

2034 Uverseas Ship....
564g Uwerse Counting.
196g Uwerse Hunols...
254g Peerfiet Gras.
193g Peerfiet Gras.
2014 Peer Landing...
2015 Pearson Internation.
20 Pearson Int...
213g Pennani...
27 Pennani...
287 Pennani...
298 Pennani...
298 Pennani...
298 Pennani...
299 Pennani...
209 Pennani...
209 Pennani...
209 Pennani...
209 Pennani...
209 Pennani...
209 Pennani...

Pfizer Pf

rotumae ble 155g rotumae ble 155g rrotter Gamble 795g rbs barve kleet 225g rullman 29 furex 18

191₂ 394₈ 28 234₉ 195₉ 625₈ 503₁ 391₂ 211₈ 241₄ 181₂

171₄ 321₂ 256₈ 175₆ 181₂ 56 271₈ 331₂ 185₈ 203₄ 165₆

23 lg 14 åg 23 lg 73 :1 21 åg 24 15 lg 20 lg

uris Bourse 1961. 1, 1983. 1/3) Amster- 0. (?!) Hang Sens un 2/1/73. (a) Tokyo Straits Times 1968. rid SE 30/13/77. al 1/1/88. (j) Swins reliable.	bud Aucker	259 -1 100.8 -0.2 242.6 -0.5 116.7 176 -2.5 105.8 -0.9 297 ± -1 105.7 -0.5	17 14 18 18	25 -4
Effective :	at \$2.60 to 5- rate (1.8565)			6.

14	Bigh.	Low	stock	Ti.
421 ₈ 30	19 5&s	175g	Woulworth	187g 41e
554 254	473 ₄	41 154	Zerox	4614 161 ₉
325g 344	155 ₄	115g 95,5	Genith Hadio U.S. Treas 43 Wel	154 944

74, 31g 17g	885g 6.67%	81% US.Treus4275/7: 181 6.18g/U.S. 90 Day blir. 6.1	51 58 1.8%
7 i g 2 i g 2 i g 3 7 g	CAN	IADA	
ja ja ja	125g 63g 291g	1014 Abritibi Paper 12 4.75 Agrico Kaya 4.71 E414 Alcan Auminium 29	5 J.:
66 30 75	18a 90 20	141g A nome Stee 18: 341g Asberto	4
7 ig 2 ig 7 ig	20 74 555 274	1819 dank Nova cetta 1916 6 daste Resources 6 52 dell Tesephone 541 2014 dow Valley Ind J 25	_
34. 515 514	1786 164 5.0	141 df Canada	4 6

Gennt Yes, wkuite Gennt Yes, wkuite Gust On Canada... Hawker Sid. Can... Hawker Sid. Can... Hawker Sid. Can... Hadsoo Bay. Ming Hadsoo Di & Gal. LA.C... Impsyr

Sig linds using Net Gas.

131g inis or y Pipeline
131g auser Resources.
151g laterm: Y int Corp.
152g laterm: Y int Corp.
153g laterm: Y int Corp.
153g laterm: Y int Corp.
1470 Jan wood Patrim.
1781

398 368 1164 4.00 0.98

1252 4.75 2912 1854 394	Gust tirocalest? Heineken (F. 20) Homovens (F. 20) Hunter D. (F. 100) Int. Mutter (F. 100) Nasarden (F. 10).	98. 40. 44. 150. 12. 37.	#+0.1 +1.4 +1.4 3+0.1 5+0.1	9 14 10.2 3 12 9 14 8 10	6.6 7.5 0.0	
194 194 6 544 25	Natherina (Fr., New Gredba (Fr.) New Gredba (Fr.) Ned Mattha (Fr.) Use (Fr.) Van Ommeren Fakhoed (Fr.)	1 192	8 + 0.4 3 + 0.4 + 1.1 2 - 0.3 -1 + 0.5	5 21 2 22 5 36 18	7.6	
1614 1614 18.20 364 1619 978	Phttips (F1,10) Itmsh Ven F1,10 Rotecut F1,20, Rotten (F1,50) threato (F1,50) rhya/Dutchi F1,20	75 109.1		17 A2.6	574 8.4	
121g 970g 195g 176g 184g 60 4.15	heven are seed to the first to	105.0	+0.7 5 +0.5 5 +0.5 5 +0.2 5 +0.2	97.	7.6 4 7.1 1.2 5.8	
2016 2634	COPENHAGE	N #		UIV.	M.	
2634 1714 618	- April 14	Eroner	+0	*	1	Ŀ
77g 681a 75	Amiersbanken Jurm'str W. a.s., Danake Hank East Asiati Co., Inansbanken	1454 440 1265 2114#	_1	11 10 12 12	7.5 5.3 0.0 5.0	
6812 2514 17 135 ₄ 2018	for. Byggerier for. Papir	131 kg 540 80 128 kg 258	1111004	12 8 12 12	9.8 3.5 IU.U 8.6 4.2	
74 2614 117g	Nord Kabel	205 795 ₄ 135 x 1391 ₄ x	14 14 34	12 11	4.7 8.1 8.0	5
8914 Olg 52 4334	Nub. Berendsen.	574 181	-1	18	5.2 6.6	A
1012 1878 4458 1712	April 14	Erico Kruge	+ or	Div.	<u>.</u> Yı .	J
50 20 181 ₈	MA A. (A. d)	187	+1	5.5	8.0 3.1	R R
1078 1034 1418	Leka (Kr. 50) Line Cop o (Krist dillerud	89 125	+0.5 -1	6 4	5.9 4.4	11
1458 778 3.95 1914	riemon 'H'(Krot		+8	10 10 6.5 5	5.1 4.3 4.8 4.8	:12
1212 2212 34 2578 166a	ranges (free) Han-telebanken	306±	+0.5	8 4 16	5.6 5.8 6.2	7 7 7
2914 2634 51 ₂ 1.82	Marabon sto Och Domsto. amivik A.B. -K.F. 'B' Krs. stand Enskilda	125 70.6 227 75.5 145m	+0.5 -1 +1	6.5 5.75 4.5 8	6.1 9.5 2.5 6.1 5.6	U.
	40	-00.5	امتنا	= 1	2.2	_

	7.1	Niesen Motore	1.74	+6	16	
)		Design Pretab	247	+7	19	Н
		Shireldo	1,150 1,800	+40	20 40	Ť
		istino Marine iskoja Chemical CDK	. e16	+2	11	ıŀ.
	(¥1 +	Lecto	. 117 - 117	1+2	1 33	ij.
	7.5	Lokio Marine	1,110 530	+15	11	П
	3.0	FORMO SOUDBRIGHT	153	+6	10	Ш
	5.c	toynta Motor	920	+20	20	1
	3.0 10.0	41,51,71,00	ko Secti	cities,	Toky	
	8.6 4.2		111 0		٠,	
	4.7	SWITZERLU	Lrice	1.4	1 12/-	1
	8.1 B.0 5.2	April 14	Pre.	+-01	T) (A	1
	6.6	A uminium	1,225	+5	6	1
	<u></u>	all A months	1,610		10	
	<u>.</u>	Do. Pr. Cert	≥60 503 2,195x	+10	- 144	
	8	Gredit "ula-6	2,195x 1,239 280	20 20	16	
	2.0 3.1	Biedkowsti	79,.00	+10	55U] ;
	3.1 5.9 5.2	Lotertood 5	14.850 - '	+75	55 20 21	1
	4.4 5.2	Jelmoli (Fr.100) Nestre (Fr. 130)	1,-50±	+ 10 15 25	285.3 285.1	
	5.1	Nestic (Fr. 130) Do. Reg. Resilion B.(F.EX. Presilist P.(r. 140)	3.160	,	415 16	W
	4.6		14 56D	+15 5.	26 26	ľ
	3.5 5.8	Do. Part Certa. > inn tierOme 400 >unser Ote (P.100)	50- 551	L	14 14	l
	6.2	russer Ote (F.100) respective (F.600). respective (F.600). respective (He.F.250). Urrion Hank.	617 607m	75 +1	10 10	2
	6.1 9.5	Swim (He.F. 250) Union Hank Autich Ins	4.600 2,960d	+25	40 20	l
	2.5 6.1 5.6	Mirks Ins	10.500	+60	40	1
	6.2	7.1.		Ç.,		-
	7.8	MILAN	:		٠.,	
		ana: 16-		·+ 0#	Div.	Y
Į		April 14	-[4]-			_
Į	U		100	1 I	_ 1	
I	¥ы.	ANIC.	100 405.5	1 11.5 10.5		7
	-	Plas	405.5 1,910 1,511		15U	7
	3,9 6,2	destogi	405.5 1,910 1,511 73 10,351	∸11.5 10.5	150	79
	3,9 6,2 7,3	dastog) Plas Do. Pris Plasifier Plasifier Plasifier Plasifier Plasifier	405.5 1,910 1,511 73 10,351 129 72,30	11.5 10.5 14 104	150 150	9
	3,9 6,2 7,5 7,5	dastog) Plas Do. Pris Plasifier Plasifier Plasifier Plasifier Plasifier	405.5 1,910 1,511 73 10,351 129 32.30 132.25 835	11.5 10.5 14 104	150 150 200 200	9 1 6
	3.9 6.2 7.3	district dis	405.5 1,910 1,511 .73 10,351 129 82.30 132.25	11.5 10.5 14 104 	150 100 200 200 130 150	9 1 68

4.	. i	D.88		U.J.L. Akatel,	1,136	1+6	58.	2-51
	J i	0.88 1.36		The Registrate	335.	5	12	2-5.1 3.5 2.6
	_P 19	J.an	10010	Liob Meliter	440.	S	11.2	2.5
	. 44	0.36		LLocatil Com Mel	- 124.	5 +0.5 +6	12	9.6
_	.J 173	LOR	+0.0	Cresses Loine	. 73.	5 + 0.5		
	.) . ÷	1.11	1-0.0	. Dumez	. 715	1+6	7.5	117
,	÷i	5.ZB	40.10	et. Petroles	715 119	4-0.7	14.1	1116
-	+	5.28 0.82	+0.10	Usa. Docklenbu	લ 186,	4 0.7 5	7.5 14.1 8.2	4.5
P	31. ¥	1.78	1				10. 1	
	1 4	1,94	+0:0	1 ELECT	60	+14	18.8	i ka
-		1 7R	0.0		. 104	2		1
•	T. 7	1.19		Leteron	. 164.	+0.5 +13	16.7	101 1.7 1.9
-	ጉ #	2.35	10.0	L'Urea,	618	111	15 P	. 9 6
***			Links		1.723	+ 48	310	1 6
-	4 . 4	.32 .35	-0.0	Maisons Phones.	1.050	1.5	39	3.0
-	4 1 13	.55			1 375	-8-	79 N	2.4
	-1 -37	L07,]+0.01	stoet Hennessy	235	10	10	36
-	J 72	LUL	+D.01	Mountner	179.	1 + Ö.S	1	1 8.0 1.77_
-	4 44	.39	+0.01 +0.01 +0.01 +0.01	thribes	179.1 176.4	+0,6	13 6	9.5 8.0
	-4 1 2	.45	+0.07	reruod-kicard	82.6	1	1 7 1	0.7
-	.1 +3	L.96	+0.04	Fernod-Rieard	255	0.1	1.50	
-	4 K	2.06		. I Printerport I Vitage	879.		1. 70	A. B.
-	J 11	2.06	+0.0	Pocialo	1 917	13		
100	J .40	.26 .15	-24 May		438	0.0	08	5.5 1.6 19.1
10 Pd	- +2	1.15	18.00	f Mentrusta	. 585	4 B	0.77	9.9
	.l • +1	.11	+0.91	chone Pozon		-0. 9	1 6	10.5
	1 40	100	1.0 00	L Gobsin	141		3.0	10.0
-	4 B	.30	+0.00	aki- Hop-19700	7.00		14.53 39	10.1
io	4 79	.16	Hn. 61	-3F86 ************************************	1,550 - 971	7	98	11.6
10,100	4 -?!	.98	126'01	The second last leading	1. 27.	1-3	25.5 25.5 15.15	9.4
1969	4. 13	.65	10.05		. 795	+18	ينكاني	8.2
-	4111	-25		thus in Brandl.	191	+0.5	25,73	-8.0
u be		.85		C 1244	91.5	V-0.2,	<u> </u>	: —
K	†4	.17-	+8.02			7		
4 10	J 112	.69	+0.87	VIENNA		100	"	
-	J. +0	.08						-
	- 10	-18			Phus		بالد. الد	Yar.
ņ.	J. †1	.57	40.01	April 14	l. &	. 	1.16	1.3.
•••	:\ †8	.70	EARCH PE		1			
_	. 20	.70 .19		Citalitanista I	550	*****	. Iu	7.5
] [[6	.19	+0.01	For LEGICINES] ⊻63	-2	- 40	4.4
] iiō	18	+0.01		588	+9 1	48	
	1 11	70 -		J 58mines II	I 98	TANKETA		-0.0
-		.18 .70 -	, respect	Sempe Harry	I 98	er institute	-	-
-		.70 - .89	. 100.000	Sempe Harry	181	eristiile -	7	3.5
(w)	1 11	.03	+0.62	Semperitarion Steyr Daimier Vefr Magnesit	I 98		-	-
w)	1 11	.70 - .83 .87 .64	. 100.000	Semperitarion Steyr Daimier Vefr Magnesit	181	50 1585 II.d - 0 7000 000 - 00700 000	7	3.5
w)	1 11	.03	+0.62	Sempes it	95 181 943	-9790948	19	5.8
w)	1 11	.03	+0.62	Sempe limer of Stear Dalmier of Very Magnesit	95 181 943	-9790948	19	5.8
w)	1 11	.03	+0.62	Semperitarion Steyr Daimier Vefr Magnesit	95 181 943	+ 62	19	5.8
w)	1 11	.03	+0.62	Sempes the service of	181 245 Palee L'no	+ 01	Div.	5.8 5.8 Yin.
w)	1 11	.03	+0.62	Sempes the step of	Palee L'na	+ 01	Div.	5.8 5.8 Yin.
w)	1 11	.03	+0.62	Sempes Hammer Steps Designed Services Language Services Language L	Price L'ns 1.20 2.45	+ 01	Div.	5.8 5.8 Yin.
	11	.64	+0.62	Sempe the state of	Price L'ns 1.20 2.45 1.78	+ 01	Div.	5.8 5.8 Yin.
(a)	11	.87 .64	+0.82 +0.01	Sempestiment of the property o	Price L'ns 1.20 2.45 1.78	+ 01	Div.	5.8 5.8 Yin.
	11	.64	+0.62	Sempe Marrier Velt Magnesit PRAZE Apr. 14 A. cette Break et p. Mittern Ut Lujas Amer. OF	Price L'Hs 1.20 2.43 1.78 3.07	+ cr -0.05 -0.07 -0.02 -0.01	0.19 0.19 0.17 0.12	5.5 5.8 10.0 7.07 7.07 6.48
	†1 †1	27 .54	¥0.82 +0.01	Sempe Marrier Velt Magnesit PRAZE Apr. 14 A. cette Break et p. Mittern Ut Lujas Amer. OF	Price L'Hs 1.20 2.43 1.78 3.07	+ cr -0.05 -0.07 -0.02 -0.01	0.19 0.19 0.17 0.12	5.5 5.8 10.0 7.07 7.07 6.48
	†1 †1	12iy	10.82 +0.01	Sempe Marrier Velt Magnesit PRAZE Apr. 14 A. cette Break et p. Mittern Ut Lujas Amer. OF	Price L'Hs 1.20 2.43 1.78 3.07	+ cr -0.05 -0.07 -0.02 -0.01	0.19 0.19 0.17 0.12	5.5 5.8 10.0 7.07 7.07 6.48
	†1 †1	12iv 14 12i	YId. 82	Sempe Marrier Velt Magnesit PRAZE Apr. 14 A. cette Break et p. Mittern Ut Lujas Amer. OF	Price L'Hs 1.20 2.43 1.78 3.07	+ 0 - 0.06 - 0.07 - 0.02 - 0.03 - 0.03	0.12 0.12 0.10 0.16 0.20	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	†1 †1 †1 +19 +19	27 .64	10.82 +0.01 -0.01	Sempe Mariner Velt Magnesit Apr. 14 Apr. 14 Apr. 14 Apr. 14 Apr. 14 Apr. 16 Apr. 17	Price L'ng 1.30 2.45 1.76 3.07 2.72 2.56 4.00 7.03	+ 0 - 0.06 - 0.07 - 0.02 - 0.03 - 0.03	0.12 0.12 0.10 0.16 0.20	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	†11 †11 †12 +12 -16	124 125 20	YId. 96	Sempe Marrier Velt Magnesit PRAZE Apr. 14 A. cette Break et p. Mittern Ut Lujas Amer. OF	Price L'Hs 1.20 2.43 1.78 3.07	+ cr -0.05 -0.07 -0.02 -0.01	0.12 0.12 0.10 0.16 0.20	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	†14 †14 †15 +12 -13 -15 +18	14 14 120 20	Yid. 3 W.1 1.9 2.7	Sempe Magness	Price L'ns 1.90 2.45 3.07 2.72 2.54 4.00 7.02 1.54	+ 01 - 0.05 - 0.07 - 0.02 - 0.03 - 0.03 + 0.02	0.19 0.19 0.19 0.10 0.10 0.10 0.16 0.23 0.20	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	†11 †11 †12 +12 +13 +8 +30	124 125 120 126 126		Sempe Harmer Velt Magnest Apr. 14 Avents Aments Semo do Brasit, er pr Stutera OF retropera PP retriy OP voice Crus Cop Vale Ho Duce PI Vale Ho Duce PI	Palee L'ns 1.20 2.43 1.72 2.72 2.55 4.00 7.02 1.54	+ of -0.05 -0.07 -0.02 -0.03 -0.03 +0.02	0.19 0.19 0.17 0.12 0.10 0.10 0.16 0.23 0.20 0.18	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	+ 12 + 12 - 16 + 8 + 20	14 14 15 18 18 18 18	YId. % W.11 1.9 2.7 1.6 1.5	Sempe Harmer Velt Magnest Apr. 14 Avents Aments Semo do Brasit, er pr Stutera OF retropera PP retriy OP voice Crus Cop Vale Ho Duce PI Vale Ho Duce PI	Palee L'ns 1.20 2.43 1.72 2.72 2.55 4.00 7.02 1.54	+ of -0.05 -0.07 -0.02 -0.03 -0.03 +0.02	0.19 0.19 0.17 0.12 0.10 0.10 0.16 0.23 0.20 0.18	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	+ 12 + 12 - 16 + 8 + 48 + 48 + 15	14 14 18 16 18 18	¥10.82 +0.01 ¥10.01 ¥1.11 1.12 2.37 1.6 1.5	Samps Magness Vel	Palee L'ns 1.20 2.43 1.72 2.72 2.55 4.00 7.02 1.54	+ of -0.05 -0.07 -0.02 -0.03 -0.03 +0.02	0.19 0.17 0.12 0.10 0.10 0.10 0.10 0.15 0.20 0.15	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	+ cr + 12 + 12 - 16 + 8 + 40 + 8 + 15	14 14 15 18 18 18 18	¥10.82 +0.01 ¥10.01 ¥1.11 1.12 2.37 1.6 1.5	Samps Magness Vel	Palee L'ns 1.20 2.43 1.72 2.72 2.55 4.00 7.02 1.54	+ cr -0.08 -0.07 -0.02 -0.03 -0.08 +0.02 -0.02 +0.02	0.19 0.17 0.12 0.10 0.10 0.10 0.10 0.15 0.20 0.15	5.5 5.8 5.8 10.0 7.07 7.07 7.07 8.48 5.75 5.75
	+ 12 + 12 - 16 + 8 + 48 + 48 + 15	14 14 12 15 16 18 18 18	¥10.82 +0.01 ¥1.0 1.9 2.7 1.5 2.5 1.5	Sempe Magnessi Velt Magnessi LRAXE Apr. 14 A. Taulia Basso do Brasil er pi Mitterra Ur Lujas Amer. OP retrobras PP retrobras PP vala Rio Duce PI Vala Rio Duce PI Vol. Cr.85.8 Source: B	Price L'ns 120 2.45 1.78 3.07 2.72 2.52 1.54 2.00 7.02 1.54	+ cr -0.05 -0.07 -0.02 -0.03 -0.03 +0.02 -0.03	0.12 0.12 0.17 0.12 0.10 0.10 0.16 0.18 0.18	5.8 Yil. 10.077.077.077.077.075.48 5.15 5.75 1.85
	+ 12 + 13 + 13 + 16 + 8 + 15 + 15 + 10	14 12 15 15 15 15 15 15 15 15 15 15 15 15 15	YId. 3 9.11 1.22 2.7 1.6 1.5 1.5	Sempe Mariner Velt Magnesit Apr. 14 A reste. Basso do Brasit. er a Musera Ur Lujas Amer. Of retrobras PP Precit Of Unit Ph Vale Mio Duce PI Vol. Cr. 85.8 Source: 8 OSLO	Price L'ns 120 2.45 1.78 3.07 2.72 2.52 1.54 2.00 7.02 1.54	+ cr -0.05 -0.07 -0.02 -0.03 -0.03 +0.02 -2.03 -0.03	14 0.18 0.18 0.17 0.10 0.10 0.16 0.23 0.18	8.8 10.0 7.0 7.0 7.0 7.0 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ 0s + 12 + 13 + 16 + 8 + 15 + 15 + 15 + 15	14 14 12 18 18 18 18 18	¥10.82 +0.01 ¥1.0 1.9 2.7 1.5 2.5 1.5	Sempe Magnessi Velt Magnessi LRAXE Apr. 14 A. Taulia Basso do Brasil er pi Mitterra Ur Lujas Amer. OP retrobras PP retrobras PP vala Rio Duce PI Vala Rio Duce PI Vol. Cr.85.8 Source: B	Price L'ns 120 2.45 1.78 3.07 2.72 2.52 1.54 2.00 7.02 1.54	+ cr -0.05 -0.07 -0.02 -0.03 -0.03 +0.02 -2.03 -0.03	14 0.18 0.18 0.17 0.10 0.10 0.16 0.23 0.18	8.8 10.0 7.0 7.0 7.0 7.0 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ 12 + 13 - 16 + 8 + 18 + 19 + 19 + 19 + 19	14 12 18 18 18 18 18 18 18 18 18 18 18	Vid. 8 4.081 1.18.28.7 1.68 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	Sampa Magnesit Velt Magnesit Apr. 14 A vesta Amenda Amenda Amenda Amenda Amenda Color Office Velticolor V	Price Kroner	+ 00 - 0.00 - 0.07 - 0.03 - 0.03 - 0.03 - 0.03 + 0.02 ares 45 neiro 5	018 018 018 018 017 018 010 016 018 018 018	5.8 5.8 10.0 7.07 7.07 7.07 5.48 5.15 5.78 1.85
	+ 12 + 13 - 16 + 8 + 18 + 19 + 19 + 19 + 19	14 12 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	YIO. 2 W.1 1.8 2.2 1.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Sempe Manner Stept Datmer Velt Magnesit Apr. 14 Apr. 14 Apr. 14 Apr. 14 Apr. 14 Apr. 14 Apr. 16 Apr. 17 Apr. 17 Apr. 18 Apr. 19 Vale Rio Duce Pl Vale Rio Duce Pl Apr. 13	Price Kroner	+ 00 - 0.00 - 0.07 - 0.03 - 0.03 - 0.03 - 0.03 + 0.02 ares 45 neiro 5	018 018 018 018 017 018 010 016 018 018 018	8.8 10.0 7.0 7.0 7.0 7.0 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ 0s + 12 + 13 + 16 + 8 + 15 + 15 + 15 + 15	14 12 18 18 18 18 18 18 18 18 18 18 18	Vid. 8 4.081 1.18.28.7 1.68 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	Sempe Hamilton Velt Magnesit — LRAYE — Apr. 14 A. Tavita — Banco do Brasil — er pi Mitterra Ut — Lujas Amer. Of — retrobras PP — retrobras PP — volas Robert OF — retrobras PP — volas Robert OF — source: B Source: B OSLO April 12 per pur Hamilton — per pur pur pur pur pur pur pur pur pur pu	Price Kroner	+ 00 - 0.00 - 0.07 - 0.03 - 0.03 - 0.03 - 0.03 + 0.02 ares 45 neiro 5	018 018 018 018 017 018 010 016 018 018 018	5.8 5.8 10.0 7.07 7.644 5.15 5.25 1.65
	+ 12 + 13 - 16 + 8 + 18 + 19 + 19 + 19 + 19	14 14 18 18 18 18 18 18 18 18 18 18 18 18 18	YIO. 22 +0.01 2 2.2 2.3 2.5 1.6 1.5 2.6 1.4 2.6 1.4 2.6 3.6	Sempe Harmer Very Magnesit Very OP Wale His Dune P1 Vale His Dune P	Price L'nu 1.20 2.45 1.78 3.07 2.75 4.00 7.02 1.54 89m. Shio da Ja Frice Kronsr 21.0 5.51g	- 0.06 - 0.07 - 0.02 - 0.03 - 0.03 - 0.03 + 0.02 - 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	012 012 012 012 010 010 010 010 010 010	5.8 5.8 10.07 7.07 7.07 6.48 1.55 5.75 5.75 5.75 7.84 7
	+ cr + 12 + 13 + 16 + 8 + 18 + 18 + 18 + 18 + 18 + 18 + 18	14 14 120 18 18 18 18 18 18 18 18 18 18 18 18 18	YIO. 2 9 9.1 1.8 2.7 1.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Sempe Harmer Steyr Datmer Land Magnesit Land Resident Land	Price L'nu 1.20 2.45 1.78 3.07 2.75 4.00 7.02 1.54 89m. Shio da Ja Frice Kronsr 21.0 5.51g	- 0.06 - 0.07 - 0.02 - 0.03 - 0.03 - 0.03 + 0.02 - 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	010 012 012 012 0.10 0.10 0.10 0.10 0.10	5.8 5.8 10.0 7.0 7.0 7.0 7.0 6.4 6.1 5.1 5.2 8.4 8.4 8.5 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4
	+12 +13 +13 +13 +14 +15 +15 +15 +16 +17 +18 +18 +18 +18 +18 +18 +18 +18 +18 +18	Div 14 40 18 18 18 18 18 18 18 18	YIG. 12 +0.01 YIG. 12 +0.01 Y. 12 + 12 + 12 + 12 + 12 + 12 + 12 + 12	Sempe Harmer Velt Magnesit LAP. 14 Apr. 14 Aresta Apr. 16 Apr. 16 Value Amer. Of Privious PP Privipiros PP Privipiros PP Privipiros PP Privipiros PP Privipiros PP Privipiros PP Vale Rio Duce PI Vale Rio Duce PI Vale Rio Duce PI Vale Rio Duce PI April 13 Pengan Mauli darregand April 13 Pengan Mauli darregand April 13	Price L'nu 1.20 2.45 1.78 3.07 2.75 4.00 7.02 1.54 89m. Shio da Ja Frice Kronsr 21.0 5.51g	- 0.06 - 0.07 - 0.02 - 0.03 - 0.03 - 0.03 + 0.02 - 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	010 012 012 012 0.10 0.10 0.10 0.10 0.10	5.8 5.8 10.0 7.0 7.0 7.0 7.0 6.4 6.1 5.1 5.2 8.4 8.4 8.5 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4
	+ cr + 12 + 12 + 16 + 8 + 10 + 12 + 15 + 10 + 12 + 15 + 10 + 15 + 15 + 16 + 16 + 16 + 16 + 16 + 16 + 16 + 16	12 14 12 25 15 15 15 15 15 15 15 15 15 15 15 15 15		Sempe Harmer Velt Magnesit LAP. 14 Apr. 14 Aresta Apr. 16 Apr. 16 Yol. Cr. 85.8 Source: R OSLO April 13 Heaven Manie Aresta Apr. 13 Heaven Manie April 13 Heaven Manie Aresta Apr. 13 Heaven Manie April 13 Heaven Manie Apr. 14	Price L'nu 1.20 2.45 1.78 3.07 2.75 4.00 7.02 1.54 89m. Shio da Ja Frice Kronsr 21.0 5.51g	- 0.06 - 0.07 - 0.02 - 0.03 - 0.03 - 0.03 + 0.02 - 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	77 14 0.12 0.12 0.10 0.10 0.10 0.10 0.10 0.10	5.8 5.8 10.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 8.4 8.4 8.4 10.4
	+ cr + 12 + 12 + 16 + 8 + 10 + 12 + 15 + 10 + 12 + 15 + 10 + 15 + 15 + 16 + 16 + 16 + 16 + 16 + 16 + 16 + 16	14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	YIG. 8 1.8 2.2 2.3 2.5 1.5 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	Sempe Harmer Veri Magnesit Veri Veri Veri Veri Veri Veri Veri Veri	Price Erons: 91.06.0 193.75; 106.0 193.75; 195.75; 106.0 193.75; 106.0 1	- 0.05 - 0.07 - 0.03 - 0.03 - 0.03 + 0.02 + 0.02 - 1.12 + 1.95 + 1.95	019 019 019 012 020 016 0.25 0.25 0.16 0.25 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ cr + 13 + 12 + 13 + 14 + 15 + 14 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15	12 14 12 15 15 15 15 15 15 15 15 15 15 15 15 15	Yd. 9 9.1 1.2 2.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Sempe Harmer Velt Magnesit LAP. 14 Apr. 14 Aresta Apr. 16 Apr. 16 Yol. Cr. 85.8 Source: R OSLO April 13 Heaven Manie Aresta Apr. 13 Heaven Manie April 13 Heaven Manie Aresta Apr. 13 Heaven Manie April 13 Heaven Manie Apr. 14	Price L'nu 1.20 2.45 1.78 3.07 2.75 4.00 7.02 1.54 89m. Shio da Ja Frice Kronsr 21.0 5.51g	- 0.05 - 0.07 - 0.03 - 0.03 - 0.03 + 0.02 + 0.02 - 1.12 + 1.95 + 1.95	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 8.4 8.4 8.4 10.4
	+ 12 + 12 + 13 + 14 + 15 + 15 + 10 + 15 + 10 + 15 + 16 + 16	14 120 18 18 18 18 18 18 18 18 18 18 18 18 18	YIO. 22 1.5 1.5 1.5 2.6 1.5 2.	Sempe Harmer Very Magnesit Ver	Price Erons: 91.06.0 193.75; 106.0 193.75; 195.75; 106.0 193.75; 106.0 1	- 0.05 - 0.07 - 0.03 - 0.03 - 0.03 + 0.02 + 0.02 - 1.12 + 1.95 + 1.95	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ cr + 13 + 12 + 12 + 13 + 13 + 14 + 15 + 15 + 16 + 16 + 16 + 16	14 120 18 18 18 18 18 18 18 18 18 18 18 18 18	YIO. 2 9.1 1.8 2.7 1.6 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.7 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.5 2.6 1.6 2.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1	Sampa Magnesit Velt Magnesit Apr. 14 A revita. Your Deliver OP. Vale Mio Duce PI Vale Mio Duce PI Vale Mio Duce PI Vol. Cr. 83.8 Source: 8 OSLO April 13 per type of the picket o	Price Kroner 91.0 5312 106.5 272.5 106.0 193.75	- 0.05 -0.07 -0.02 -0.03 -0.03 -0.03 +0.02 -1.07 -1.12 -1.25 -1.25	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ cr + 13 + 12 + 12 + 13 + 13 + 14 + 15 + 15 + 16 + 16 + 16 + 16	14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Yd. 2 4 5 1 1 2 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5	Sempe Hammer Very Magnesit Very Very Very Very Very Very Very Very	Price Kroner 91.0 5312 106.5 272.5 106.0 193.75	- 0.05 -0.07 -0.02 -0.03 -0.03 -0.03 +0.02 -1.07 -1.12 -1.25 -1.25	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ 12 + 13 + 13 + 14 + 15 + 15 + 16 + 16 + 16 + 16 + 16 + 16	14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	YK. 2 1.5 2.6 2.6 2.6 2.6 1.5 2.6	Sempe the state of	Price L'nn 1.20 2.45 1.78 3.07 2.72 2.55 4.00 7.02 1.54 2.55 1.54 2.55 2.72 5.106.0 193.75 87.6	- 0.05 - 0.05 - 0.03 - 0.03 - 0.03 + 0.02 + 0.02 - 1 te + 1 25 - 1 te + 1 25 - 1 te	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1
	+ cr + 13 + 12 + 12 + 13 + 13 + 14 + 15 + 15 + 16 + 16 + 16 + 16	14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Yd. 2 4 5 1 1 2 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5	Sempe Manner Stepr Dutmer Velt Magnesit Apr. 14 Apr. 16 Apr. 16 Apr. 17 Apr. 17 Apr. 17 Apr. 17 Apr. 18 Apr. 18 Apr. 18 Apr. 18 Apr. 19 Apr. 19 Apr. 19 Apr. 12 Bengus Manie Apr. 18 Bengus Manie Apr. 18 SPAIN Apr. 18 Apr. 18 Apr. 18 Bengus Manie Apr. 18 Apr. 18 Bengus Manie Apr. 18 Bengus	Price L'nn 1.20 2.45 1.78 3.07 2.72 2.55 4.00 7.02 1.54 2.55 1.54 2.55 2.72 5.106.0 193.75 87.6	- 0.05 - 0.07 - 0.03 - 0.03 - 0.03 + 0.02 + 0.02 - 1.12 + 1.95 + 1.95	019 019 019 012 020 016 0.25 0.16 0.25 0.18 0.18	5.8 5.8 10.0 17.0 7.0 7.0 6.4 8.1 5.5 7.5 1.6 5.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1

.i 16	2.0	. Jrentros/14	1". I W
مَةَ ا	1 3.5	106.5 + 1 1 279.5 - 2.5 2 arctities een 106.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o 17.
		Cartellities 100 0	110
(20		the bulleting of the part of the same of	. [127
J 10	11.6	1 401 SE 1 AULIEU PT 139' 12 + 1'39 1	
7 18		MOI GENOUTH	p. 100.
1 15			-
14			100
			6.000
20			46,
115	u.6	Asiand	10 da 11
1 19	l n s	April 16 Per cent. Asland 172	
16	1 3.0	Banco Billimo	- 2 ∵
	1.4	Banco Entral 238 Banco Central 238 Banco Central 238 Banco Central 238	-
48	31.4	Banco Central 319 -	
] 19	2.4	Ranco Reterior 300	医乳头
نڪا	1.6	Banco Esterior 250 Banco General 272 Banco Granada (1,800) 157 Banco Hispano 217	
	0.5	Banco General 272	- 37.
	LI	ESERCO GREENEGE (1,000) 157	÷ .
1 79		Banco Hispano 217 Banco Ind. Cat. (1,000) 183	- 4 - 4
11	2.2	: BADGO 100. (31. (1.188) TRI	631 1
1 16	1.9	B. lod. Mediterrapeo 198	<u> </u>
دند	0.7	TANK TO THE PROPERTY OF TANK	
		Banco Popular 218	
120	T4.5	Banco Santander (356) - 345	∓ ∵.
111	1.0	ISANCO Urobita (1.00a) 779:	m 13 in
1 8	3.6	Banco Vizcaya 219	- 4
12	LE	Banco Zaragozano 300	
10	5.2	Bankunion 137	M 4 40
10	4.3	Banus Andalucia manager 225	
20	1.1	LRANCOCK WILLOW TO - "	-
	1 200	1.000	الرابلاقية
rakeo		Dragados	-7
444		Inmebanif	
		To I deposit and the second	
٠.		E. I. Aragonesas 55	134
	. '		
	145 6		- 025
		Fecsa (1,000)	- 2.25
1 15/-	Kid .	Fenosa (1.000) 69.50 -	A.5
		Total Therete See to the last of the last	
			- 9
1 6	1 8	Fecsa (1,000) Fenosa (1,000) Gal. Preciados	- 3
-	8	lfiched Velbanner (401) 145 .	- 3
-	8	Grupo Velazquez (400) 145 Hidrola 76.79	- 3 - 0.23
	9.5	Hidrola	- 3 - 0.23 - 0.75
#	9.5	Hidrola	- 3 - 0.23 - 0.75
. 6 10	2.5 5.0	Hidrola Teaming 75.73	- 3 - 0.25 - 0.75 - 1
. 6 10 22	2.5 5.0	Hidrola	- 3 - 0.25 - 0.75 - 1
10 10 22 .6	2.5 5.0 1.9	Indrois Pelazonez (401) 125 Indrois Tito Tito Tito Tito Tito Tito Tito Tito	0.21 0.75 1
10 10 22 .6	2.5 5.0 1.9	Indroid Figure (401) 125 Indroid Total Indro	0.21 0.75 0.75
6 10 22 22	2.5 5.0 1.9	Indroid Figure (401) 125 Indroid Total Indro	0.21 0.75 1 0.25 2.5
10 22 22 23 24 25 25	2.5 5.0 1.9	Grupo Velazonez (400) 125 Hidroida	0.21 0.75 0.75
16 10 22 22 23 16 10	2.5 5.5 1.9 2.5 5.4 6.5 5.0	Grupo Velazonez (400) 125 Hidroida	0.21 0.75 0.25 0.25 1.5 1.5
10 10 83 83 10 10	2.5 5.5 1.9 2.6 5.4 6.0 5.7	Grupo Velazonez (400) 125 Hidrola 76.73 Iberduera 72 Olarra 99 Papeleras Reunidas 63 Petroliber 122 Sarrio Papelera 11 Sarrio Papelera 15 Socreta 15 Socreta 15 Socreta 15	- 3 - 0.21 - 0.75 - 0.25 - 0.25 - 2.5 - 1.5
10 10 23 23 20 10	2.5 5.5 1.9 2.5 5.4 6.5 5.0	Grupo Velazonez (400) 125 Hidrola 76.73 Iberduera 72 Olarra 99 Papeleras Reunidas 63 Petroliber 122 Sarrio Papelera 11 Sarrio Papelera 15 Socreta 15 Socreta 15 Socreta 15	- 3 - 0.21 - 0.75 - 0.25 - 0.25 - 2.5 - 1.5
2000 2010 1010 1010 1010 1010	2.5 5.5 1.9 2.6 5.0 5.0 5.7 J.7	Grupo Velazonez (400) 125 Hidrola 75.73 Derduera 72 Charra 75 Papeleras Reunidas 63 Pestroliber 122 Pestroleos 121 Sarrio Papelera 11 Sarrio Papelera 15 Sarrio Papelera 15 Sarrio Papelera 15 Teletimica 120 Teletimica 120 Teletimica 120 Terras Hostench 18	0.25 0.75 1 0.25 1.5 1.5 1.5 2.5
6 10 22 22 23 16 10 2 560	2.5 5.0 1.9 2.6 5.4 5.0 5.7 3.7 3.7	Grupo Velazonez (400) 125 Historia 72 Deroducra 72 Colarra 73 Papeleras Reunidas 63 Patroliber 122 Petroleos 121 Sarrio Papelera 11 Sarrio Papelera 12 Societa 12 Toristimica 22 Torista Hostench 28 Torista Hostench 28	0.25 0.75 1.25 1.5 1.5 1.5 2.5 2.5 2.5
6 10 22 22 23 16 10 2 560 55	2.5 5.0 1.9 2.6 5.0 5.7 0.7 0.7	Grupo Velazonez (400) 145 Hadrola 75-73 Derdoera 72 Colarra 93 Papeleras Reunidas 63 Petrolloer 122 Petroleos 171 Sarrio Papelera 11 Sarrio Papelera 12 Societa 12 Torras Restench 28 Torras Restench 28 Tabasez 65	0.25 0.75 1 0.25 1.5 1.5 1.5 2.5
10 22 22 16 10 55 55 80	2.5 5.5 1.9 2.6 5.0 5.7 3.7 3.7 3.7	Grupo Velazonez (400) 125 Historia 72 Deroducra 72 Colarra 73 Papeleras Reunidas 63 Patroliber 122 Petroleos 121 Sarrio Papelera 11 Sarrio Papelera 12 Societa 12 Toristimica 22 Torista Hostench 28 Torista Hostench 28	0.25 0.75 1.25 1.5 1.5 1.5 2.5 2.5 2.5

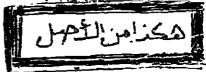
ومث	Blec.	* na Personal maria	
٠.			
m	NE:	KONG	
			•

Hong Kongs

April 14 April 1

	fighte tekne e comer '''''	1 ST-40	1 31.00
ı	City Hotels	132.00	
i	Cosmopolitan Properties.	1.65	1.58
ı	Gress Harbour Tunne		11.50
ŀ	K. Asia Navigation	4.10	4.18
1	Hong Kong Alreraft	£68.00	-68.uu
ł	Hong Kong blectric	4 225	4.425
ı	House Kowloon What		17.00
ı	Bong Kong Land lovest	7.25	7.35
ł	Hong KongShanghai Bank	14.80	15.20
ı	Hong Bong Shanghai Hotis	13.20	13.20
Į	Hatchison Whampea	4.175	4.50
1	inter. Pacific Securities.	10.20	10.05
ł	Jardine Matheson	12.80	13.10
i	Jardine Secs	6.20	6.40
ł	String Gots	2.40	2.10
ı	Kubber		7.50
ı	Sime Darby	8.00	0.49
ı	Southn. Pac. Prop	10.48	0.45
ı	Souther Textile		T
ł	Swire Pacific A.	6,65	6.65
ŀ	Certile Alicance	–	· - . ·
ŀ	Textile Arp of Hong Kong	· –	
۱	Wheelook Marden	2.205x	2,275
l		J.08	3,00
ĺ	Wheeles Mariling	2.15	2.175
١	Wypeor	أتسمي	

	Righ	1973 Anw	dineir	14 per l	514 464
•	₿7 lg	50	turne Laire	5712	984 274
	19 ts 37 ès	157s	Vetra Lite & Cars	1938 37%	355 38
	27 49 la	3234	All Products	26% 49%	211
	25 in	22	- Mountainmenting	25 14	244
	46 1g	5834 177g	Megheny Lud.,	418 184	397 274
	20 Ja 43 Jg	181 ₄	therbeny fower	185	255g
	235, 271 ₃	185, 22 g	Allied Store	32.34	197
	36 A	31 le	AMAX	81 C G	164 987
	26 ig	918	Amerada Hess,	36 105g	1-176 458
	46 4	2813	Amer. Braudai	4634	894
	4278 59	345g 345g	tmer, Brusdesst.	4976 5876	264
	261 ₂ 241 ₂	231g 285g	Amer, Cyanami i Amer, Blec. Pow.	261g 937g	55 481
	3513 2918	285g 315g 263	Amer. Express	855g 285g	1165 175
	24%	1659	Amer. Medica	23 14	193
	4484	355 394	:Autor. Nat. Gas(41 ₉ 425	501g
	39 3218	325g	Amer, Standard	581 ₂	2376
	52 513a	2718	Amer. Stores Amer. Ter. & Ter. Ametek	52 518s	161
	1712 2778	1574 2419	A31 F	17 la 2,78	3414
	15 to	10	/mpez	13 <i>8</i> 9	4 1g
	274	255g	Antein Hocking.	27 207 ₈	35g
	2838 2214	26 197 ₈	Alumo stee	26 -4 197	291 ₂
	115g	8 lu	Assumera On	114	474
	201s 311s	. 271g	Asimod Ora	167g 295ş	52 591s
	49 a 28 a	45 lg	Att. Rightfeld	4876 2718	16 28 ig
	10% 23%	87g	1VU	95g 231g	2178 2376
	497	444	Aven Pretu-te	497g 253g	3278
	2512	BOTA	Bankers Ir .N.Y.	2319	\$61g 225g
	86 29	34 25%	THE PROPERTY AND PARTY.	3554 2854	485a
	39 lg 2434	. 312	dexter Imvenu.	391 ₂	191 ₈ 357 ₈
	401 ₂	3138	dectors Or kensors	3714 19	84 214
	8754	1 22	dentix	3734 278	104
	2314	2014	nermenem atie."	213	1159
	16 12 37 12	2514	Jack & Decker	161 ₂ 371 ₂	40 103
	31 la	2309	Juise Canonie	27 (g	2554 1558
	3012 12		ranifi int.	297 ₂ 117 ₆	50% 484
	15 33%	BRU	Macau 'A'	13 /g 32 lg	3139
	163a			14	301g
	301g 15: ₆	251, 1518	Stockway Grass.	301 ₂	201g 98
	21 33≒	165g 314	oudd	1814 331g	3054 2512
	64 41	5 3614	Sucyrus Erie oudd sucova Watch durungton Atha	614 384s	313 2778
	72 341 ₂	311	Lamida, Sura	63 1 _B	178
	154	1016	austian Pacific.	5178 1518 1134	274 21
	29 15			2512	176g
	1834	113g 157g	Carner & Genera arter Hawley Caterpinar Fracts	1134 1738	29 27
	53 Tg 49 եր	435g	L B3	515g 491g	91g 315g
	40% 16%	36 10	Centrese Corpu	3878 157a	134 2618
	233g	1859	ertauntee i	22	635g 635g
	334 3116	2918 275g	in eManhattan	331g 311g	3834
	4178 2418	20%	Chemitan Bk, NY	40 24 la	174 4754
	351 ₂	29½ 42	the sie System.	5034 51	374 274
	1954	141.	In Program How	1934	7214
	133 ₄ 27 ₈	1-4		1234 238	16%
	2578 2278	1814 191s	One. Milecton	257a 227g	391g 477g
	55 i4 14 ia	4512	cities Service	5034 141 ₂	15 294
	40a	354	Cora Cota	405g	267g 181g
	2112 1173	198g 101 ₂	Joigt Palm Joile: Aikman	203 ₄ 117g	1434
	2834	275a	Unlumbia Gas	281g	2454 4078
	1678	154	Jolumbia Phi	165a	58



FINANCIAL TIMES SURV

Monday April 17 1978

International Retailing

Throughout the developed world retailing methods — and with them shopping habits — have been transformed in recent years. The underlying trend is towards rationalisation and concentration, with the corner shop facing growing competition from the big groups.

radical change

lder scale of things. Most chains too. eople shop where they live, so

Yet in one sense retailing is the change in shopping habits, shopping centres, truly international business. In every developed country the developed independent shops have come Increased by the change in the cha orld shopping habits have under increased pressure from langed radically over the past the multiples. In some countries. is revolution may have the small shopkeeper lobby has restrictions on but the same broad trends to succeed in its demands for despite these, the average store day than those offered in the old retailers throughout the then tailored to their own Even so it is unlikely that any fewer groups in the future. Con in he seen almost everywhere some measure of legislative pro- size has increased out of all centres. and for the most part the tection: In others, like Switzer- recognition over the last ten. The recession of the last few fight harder for sales. asons behind them are the land and Sweden, the rate of years and the word hypermarket years has highlighted the prob-

d car ownership in particular, shops.

all taken their toll on the old like the inevitable trend to

She may hanker for the days of personal service—and indeed still demand it when it comes to buying something like clothes By Elinor Goodman

Throughout Europe and North in the form of the voluntary throughout Europe and North in the form of the voluntary throughout America. In many countries groups which now operate in most European countries— IN THE face of it shopping this emphasis on price has ex most hight seem a pretty parochial tended to other sectors like though, usiness with few claims to electrical durables; new dis not in the States, where the international status. Even the count specialist chains have independent sector is still very burists who have flocked into emerged putting pressure not strong outside the food business. ondon to do their shopping only on the private trader but ver the past few years are also on the department store, perhaps the British, have been alatively insignificant in the and in some cases on the variety more successful in slowing down

But in most countries it has

shopping order. To-day's work- wards greater concentration in ing woman no longer has the retailing—a trend which most time—or indeed the inclination economists would argue has spend her day buying resulted in a far more efficient cheese in one shop and soap in distribution system than the another. Increasingly she wants old fragmented market-place. to be able to do all her basic According to one set of figures, shopping under one roof and the number of shops in the preferably park her car nearby 14 major European countries while the is doing it. 14 major European countries fell by 350,000 to 3.4m. in the ten years to 1975. Of those closed, 300,000 were in the food The one solution to the pri -but rarely is she prepared to vate trader's problems which accept the need to pay for it, does seem to have worked has

Increased price competition is a come not so much from governfeature of grocery retailing ment but from the trade itself

Governments, most notably have emerged in retailing over empetition between retailers in been the independent traders the last ten years namely the ifferent countries is relatively notably those selling food ____move towards much larger which have suffered most from stores built outside established

shop closures has resulted in has become an accepted part of lem of over-capacity

EEC Belgium	\$611. 17.8	Average sales per sq. (t. \$ p.a. 240
Denmark	12.3	395
France	82.7	279
West Germany	109.1	279
Ireland	2.3	176
Italy	57.8	166
Netherlands	25.4	296
U.K.	56.5	170
Total	363.9	232
Non-EEC Austria	9.5	
Norway	8.7	
Spain	38.6	1
Sweden	21.1	
Switzerland	16.2	
Total	94.1	

Most of the figures used in this survey have been provided by Management Horizons (U.K.) and the Euromonitor publication Retail Trade International.

be argued that these centres fighting among themselves for a tended to be one way - east- shops. Certainly it seems un-Again, most countries within have merely added to over larger share of a smaller cake, wards. European retailers went likely that the shops and retail. years. The precise form of particularly on the Continent, the EEC now have some capacity, the facilities they The most vivid example of this to America for inspiration. They ing will change as dramatically large-scale provide are often more in tune has been the price war among came back with ideas like the over the next ten years as it has ffered from country to coun-wielded enough political clout shopping developments. But with the shopping needs of to supermarkets in Britain but shopping centre, which they over the past ten.

for competition in many markets terms of ideas for new kinds idea from spreading to others, talling its character and colour The abolition of Resale Price government, itself looking for the retailers' vocabulary. In retailers in many parts of the has been to accelerate the rate of shops. The Americans still As James Jefferys, Secretary but unless they vote with their sintenance in the 1960s in some way of ensuring that their some countries like France, world. With the volume of of store closure and to put lead in some areas. There are General of the Paris-based Inter- feet and use those stores, the ensuring that their some countries are though hypermarkets may have retail sales down in most pressure on profits. Admittedly few European department stores national Association of Depart- trend towards greater concentracrease in affluence in general not completely denuded of reached their optimum size markets in real terms—in retail chains in some countries to rival the best in America, for ment Stores, says: "Retailing is tion is likely to continue. The Many European towns are now Switzerland they have actually had done very well indeed out example, but it has been the a business where monkey see only thing likely to stop it is

ut back on staff, though in developments. urope distributors are employ- It is in terms of new systems secret from other retailers.

Continental groups, retailers may not bring all t ike Carrefour have expanded tages once hoped for. ight across the EEC and are looking towards less Unlikely narkets like Spain and Brazil coals to Newcastle.

service was only beginning to years will be on this kind of catch on as a method of selling behind-the-counter development Kwiksave and in Europe, the traffic of retail- rather than in the developments ing ideas across the Atlantic of completely new kinds of single route to success. Despite Western world have had to needs.

The effect of this increased thing going the other way in country will be able to keep the many countries is what gives re-

he U.S., there have been suit the American market, given be prepared to reveal the most asualties which have resulted the very different structure of intimate details about their n long-established names going the country, but some U.S. operations, like their profit mix, but of business. In most retailers would admit now to but if they hit on an idea which countries retailers have tried to being influenced by European is good enough to attract custo-

ng more people than 10 years that America is now the source of most ideas for European course a totally homogeneous The response of some chains retailers. Though fully commarket so far as shopping is which have found themselves puterised checkouts are still a concerned. There are still a of ther under profits pressure in rarity in the U.S., the Americans marked differences heir home market or stuck for are further ahead than Europe ales growth has been to look in the introduction of standard overseas. In Britain, Marks and product numbering. The idea of group transfer groups, Spencer, Mothercare, Boots, electronic funds transfer W. H. Smith and Habitat have systems is also more advanced, xpanded abroad with varying though recent research in Among America has suggested that this retailers may not bring all the advan-

or future expansion. Others, physical distribution throughike Albrecht and Hugo Mann out the Western world and the if Germany, have gone into the consequent need to reduce the U.S., a move which once might costs involved in physically have been regarded as taking handling products, it may well be that the greatest change in are marked differences between In the early 1960s, when self retailing over the next few regions while, as the success of

retailer who pioneers a success- sumers may be moan the demise To-day the traffic is if any-fully new concept in one of the small shop, which in

d the trend towards more. But as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

In the trend towards more but as yet no government has ringed by new covered shopping fallen in cash terms too— of the boom years, so there was Europeans who have developed what monkey do."

on during the lean years. But of limited range discount stores, very few real trade secrets in in countries, like Germany and Some of these ideas may not retailing. Companies may not mers it is difficult to keep it a

> The Western world is not of concerned. The independents, for example, have held on far longer in France than in say Britain, Europe the share of taken by the Co-op, probably the world's largest retail organisacent. in the Netherlands to a Given the rising bill for mighty 17.2 per cent, in Sweden. method of selling in some countries but is very important in

Britain and Germany. Even inside countries there Spencer shows, there is no demands variety and choice.

There's more to a GRP van than laminate wall construction.





So with the York Freightmaster GRP you get the unique double benefit of operating the most successful semi-trailer van on the road with

laminated wall construction. Let's look further.

Basically it's a Freightmaster:

Maximum cube within given limits gives extra It's chassisless so there's both a weight saving

restriction. York's raised rear header and slim door pillars allow loading to full height and width.

and extra usable height within the EEC 4 metre

A sturdy laminated floor with "I" beam crossmembers at 12 " centres allows you to load with a forklift right inside the van.

There's a one-piece aluminium roof with rivets outside the cargo area, plus container-style double doors which keep your load protected from the elements and pilferage.

Then there's the York suspension - with cost-cutting benefits built in - the easy rolling benefits that York have pioneered over the years to keep fleet costs to a minimum.

Plus all the other features that have made the Freightmaster the EEC's most popular semi-trailer



A shining example of the benefits of GRP: The side walls are single sheet 18mm GRP panels that shrug off knocks and scrapes. And

inside, there's over 8 feet of usable width. The glass smooth finish cleans with a wipe both inside and out. There are no projections on the interior walls to snag cargo and trap dirt.

You cannot get a more hygienic van than a GRP Freightmaster

One stop deal:
Only York can offer all the advantages of the Freightmaster with the cleanliness of GRP.

It's also a "one stop deal". One warranty. one manufacturer, and a service network of 12 factory branches in key locations throughout the country to offer service, repairs and parts to keep your Freightmaster on the road longer.

The Freightmaster GRP with unique HOBO suspension:

With Hobo you can raise your wheels and lower your costs. Hobo was designed expressly to save tyres and fuel.

Like all really great ideas, Hobo is very simple. It's a patented lifting-axle suspension which saves around £330 per year per trailer because you can change from tandem to single axle

configuration to suit your load pattern. It's another 'first' from York.



York Trailer Company Limited, Northallerton, North Yorkshire, England. Telephone: Northallerton (0609) 3155. Telex: 58600.

Impact of changes in

savings ratio on real

Consumer spending Brunder restraint sco

growth of the retail business throughout the industrialised world in the past few years has output and living standards. And the prospects for the next year to 18 months are hardly

This is in marked contrast to the experience up to the mid-1970s. Consumers' expenditure had increased at an average annual rate of 41 per cent. in real terms between 1964 and

Retail sales are traditionally nore volatile than consumer spending as a whole which also ncludes more stable items such many, France, Italy, the U.K. 1974, with declines in the U.S. 3.3 per cent, respectively in the was that consumer spending

was a rise in spending of about a third in Italy by the end of

a similar gain at one stage in Canada, though spending there was strengthening towards the end of 1973.

This was particularly marked rise in real consumer spending. Since these forecasts were made in countries, such as Italy and the U.K. with the highest rate been a recovery in consumer menths ago, many economists.

pressure after the oil price that an overall rise in living boom period of 1973. This was jected by the OECD. But there explosion of 1973-74. The subset of 0.7 per cent in shown in comparisons with the are exceptions—in particular, quent recession both increased 1974 in the seven countries was start of the decade; the volume the U.K. where at least a short unemployment and held back limited to an increase of 0.5 per of spending in Japan that year lived consumer. become the the growth of real incomes in cent. in personal consumption was at best only 30 per cent. widely expected, many countries as the terms of and there was a similar impact higher than in 1970, compared trade were adjusted between in 1975.

with a peak gain of over 40 the industrialised oil-consuming. In the upswing of the per cent in 1973.

West Germany

UK.

An OECD analysis last year year; since the general upturn pointed out that "prior to the petered out sooner there than early 1970s the general trend elsewhere a sharp decline was in all major countries was for clearly apparent by the autumn disposable incomes to grow. of 1973. In the U.K. the sales more rapidly than private congain for a short-time was nearly sumption and for savings ratios 15 per cent, in the spring of to rise. Savings ratios, however, 1973 but the average level of have varied cyclically round sales in the year was just over this trend, growing more slowly a tenth higher than in 1970 in or falling in the downswing and rising in the upswing, thus retail sales exerting a stabilising influence was for a couple of on demand. But savings ratios per cent rose sharply in the 1974-75

West Germany. The result was glip

in many countries with increases countries and the oil producers, recovery, which started in most However, as OECD figures of the leading economies from the end of 1977 was only a few tween 10 and 45 per cent in show, real personal disposable the autumn of 1975 onwards, percentage the seven leading industrial incomes, the best guide to living savings ratios declined—and the 1973 peak in the U.S. countries between 1970 and standards, still grew in the quite sharply in the case of the though there was more signifindustrialised U.S., West : Germany and cant growth in France. piled by the Organisation for countries during 1974 and 1975. France. The result was that Although most countries in Economic Co-operation and Real disposable incomes in the growth of personal consump troduced tax cutting package development. (These countries creased by 0.7 per cent in tion outpaced the rise in real in the autumn of 1977, expects

REAL U.K. PRIVATE CONSUMPTION

(1976-78: per cent change on year)

column of retail sales by the U.K. was the only country to of 1977 onwards with invest- rise in living standards in the ... ment still relatively sluggish in seven main industrial countries The impact of these move many countries. There was a in 1978 with a rise in the saythe start of the decade. There ments in living standards was, marked reluctance, by many lags ratio limiting the increase however, partially offset by governments, notably West in consumer spending to 3.4 per changes in the proportion of Germany and Japan, to embark cent. the year after a particularly energies in the proportion of on major programmes of expanthe growth of private consump sion for fear of the possible ratios might e tion was different from what inflationary consequences, while notably in the U.S.

The result was a slower

in consumer spending in 1977 and uncertainty about inflation than in the previous year. This savings ratios could tend to rise was reflected in consumer con- faster than assumed cannot be general weakening in spending bution of private consumption on consumer durables. Real to the rise in real Gross disposable income rose by an National Product may be me estimated 2.9 per cent in the greater than in 1977, but as the seven leading countries, with effects of the recent measures the only decline in the U.K., wear off, some deceleration and there was a 3.5 per cent through the year seems likely."

In general, however, consumer of price inflation—a possible spending in most major counhave admitted that on present spending started to be squeezed explanation for the rise—though tries in 1976 and 1977 the level policies the growth of total outfrom the end of 1973 onwards an increase also occurred in of retail sales was often only put and personal consumption

1976 1977 1978

are the U.S. Canada, West Ger- the seven main countries in incomes by rates of 4.9 and tion at the start of this year and Italy, but rises elsewhere, seven major industrial count might be boosted solely in the

In 1975, real incomes rose by tries in 1976, first half.

2.6 per cent, though only at The general recovery tended in its December survey. In Japan, for example, the a result of tax cuts, and the to slacken from the first quarter OECD projected a 3.9 per cent.

other countries, such as Italy increase towards the long term stabilisation policies intended set the expected acceleration in

growth both in total output and sponse to rising unemployment

Peter Riddell Economics Correspondent

Overseas ventures by U.K. retailers

non-U.K. profits up to around-a distinctly solid, Empire flavour, early-next month. fifth of total earnings while at About half of GUS overseas In Canada M and S—which. Mothercare Stores Int. (as it Courts (Furnishers) the ratio is business lies in Europe but the earned pre-tax profits of is now called) was acquired in closer to two-fifths—but these accent there is firmly on mail \$\frac{1}{2103.4m}\$ overall in 1976-77 on July 1976 when it consisted of

sell direct to the foreigner needs to learn a number of new

Retailing tends to nave a behind GUS overseas selling is accreting at the selection of tends with local South Africa where the group store, which came on stream \$11.95m, before tax on sales tastes still a remarkably crucial owns some 250 stores. These last autumn, it and S is likely \$11.95m, before tax on sales factor in determining levels of operate under a variety of next month to unveil yet and demand despite the increasing names — Barons Furnishers, other unfavourable trading dustry's connections with sell-world. Retailers have to get to Stores—and are mostly involved tions. The company has not know their market at the ground in furniture and general found it easy to transplant to problems of the Burton Group in France are extensively documental above and the amounts to a very impressive in France are extensively documents. factor in determining levels of operate under a variety of next month to unveil yet an-

noticeably to local selling tech- Marks and Spencer's overseas to relative money spinners. niques. In France even Marks and Spencer's overseas to relative money spinners. modest operations in Canada, and Spencer has had to deploy thing like 11 nor country of the more straining. In northern Europe retailand Spencer has had to deploy thing like 12 per cent. of the experiments in selling overseas ing interests are operated by and Spencer has had to deploy thing like 14 per cent. or the experiments in solution in its stores in group total in the year ended is coming from the mother-to-be Austin Reed (in Holland and contrast to its more utilitarian if March, 1977, the last published and baby care specialists Sweden) while shoemaker price-conscious practices in this figures. The overseas divisions Mothercare which moved into Church has some outlets in

from its overseas operations turned in losses of around pected to continue to stay in

afford only small relief from order. Universal Versand is the sales of £1.06bn.—has a variety 114 small shops in some the sad fact that most retailers second largest mail order com- of retail outlets. There are States mostly retailing ma the sad fact that most retailers second largest mail order comof retail outlets. There are States mostly retailing park
brave enough to step outside pany in Austria while Halens around 70 St. Michael Shops nity wear. The management
the British Isles have found the Postorder shares a similar sort plus a chain of 50 or so plans to concentrate initially of
going very flinty indeed.

One graphic reflection of this Netherlands the group is the name of D'Allairds. Peoples U.S. where the company is
pattern of trading is to be found leader through Wehkamp. Department Stores also num. Thus some 143 outlets Moth
in the fact that so many major Where GUS has more direct bers around 50 outlets.

One graphic reflection of this Netherlands the group is the name of D'Allairds. Peoples U.S. where the company is
the fact that so many major where GUS has more direct bers around 50 outlets. The plans to operate on a mail of the conretailers in the non-foods sector selling operations on the Con- There are four M and S stores are wholly U.K-orientated-or tinent they focus mostly on on the Continent. The group are wholly U.K.-orientated—or their they total mostly on the Continent. The group at least effectively so—with over. France. There are Burberry started in Paris with an opening in Europe the comparisons so modest as to type stores in Paris, Lille and in February 1975 which was represented in Austria, be almost invisible in a group Lyon (there is also one in followed almost immediately by land. Sweden, Denmark, context. Past failures have Brussels) plus a chain of 50 a store in Brussels. These two way, Switzerland and plainly had an adverse impact men's boutiques which is concurred to the plainly had an adverse impact trolled via a 15 per cent, share-

country.

Countr something like £22m before tax ment Stores—and Europe which are losing money and are ex-

plainly had an adverse impact inches continues which is come but Marks has been less forth months of the year just ended it comes to expanding overseas, holding in Maison des nate with its operations in (March 31) profits from the Lyon (opened in the autumn of Continuent were showing a very British shopkeeper starting to observers to think in terms of

THE ROAD to retailing fortune The group's approach to its £500,000 in 1976-77. Having lost the red until at least 1978-79 overseas has proved exception foreign retailing has always some £4m. in 1976-77, the But the Mothercare managerally hard for store companies been a matter of stealth and M and S Canadian operations ment are budgeting for losses in this country. There are the slow consolidation rather than could well have moved out of at this stage in laying the exceptions—Great Universal entrepreneurial dash. And its the red for 1977-78: The results foundations of a major business Stores has managed to build its major areas of activity have a of that financial year are due in the biggest economy in the

observers to think in terms of As a result of the Lyon outlet a European profits contribution Retailing tends to have a behind GUS' overseas selling is accraing at the second Paris as a whole. In the preceding trong national bias, with local

level; the vision of U.K. style domestic appliances. There are France what in this country in France are extensively documentation of London has finally faded.

As a result British toeholds accent is furniture and in retailing in overseas areas appliances with the Canadian considerably its views on the chain operating under names much less ambitious and geared moticeably to local selling tech
domestic appliances. There are France what in this country in France are extensively documentation in the damounts to a very impressive mented, with the company now retailing success story indeed. The tide is turning. But M and of consecutive losses from that considerably its views on the chain operating under names amount of time needed for the few Richard Shops that move from tick-over situations of so ago: Boots has some modest overstions in Canada.



Vhere is the biggest shop in Europe?

further 130 markets.

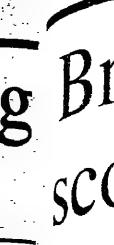
Mothercare

It's all over the place! There are 25,000 Spar shops in Europe, and that's larger than any other single grocery chain. They all offer a consistently high standard of service, together with the longestablished range of high quality own Brand products. In total, Spar enjoys a turnover of £4000 million in Europe alone.

Here in the U.K., Spar is the largest and most successful voluntary group, with 4,000 stores making up their Nationwide network.

Which all adds up to the biggest shop in Europe—exactly where you want it.





British efficiency scores top marks

emuch to boast about over the past five years but there are those and not all of them are over-zealous patriots-who believe that the country has much to be proud of in its retail industry.

Leading British retailers like Marks and Spencer and Mothercare score top marks for efficiency on any international league table. And while British hoppers may sometimes look longingly at the choice of shops on the Continent; the British distribution system has much tighto be said in its favour in pure

The big multiple groups ake a bigger share of the total etail cake in Britain than in my other developed country. iales and the signs are that this five years and though in recent evel tend to be larger than below their 1973 level.

6.9 per cent. to over 15 per stamps and cutting its margins, and that while profits have certainly fallen in real terms, the lisewhere in Europe and have Although the recession cent, though they have not other supermarket chains have tainly fallen in real terms, the

than their European the trouble-torn menswear other European countries.

and the some evidence the year of the recession, meant have marginally increased their intensined. The description of and rely neavily on bank that the largest British retailers that profits fell in real terms. Share to 5 per cent. as have specialist discount chains like finance whereas—with the that the largest British retailers that profits fell in real terms. Share to 5 per cent. as have specialist discount chains like finance whereas—with the largest British retailers that profits fell in real terms. The co-op, Comet and Allied Carpets major exception of Littlewoods that the description of the recession the variety stores. The Co-op, Comet and Allied Carpets major exception of Littlewoods. those on the Continent. This, was to accelerate many of the which remains Britain's biggest meant that the concluded, probably had more trends which had become single retailer, seems to have stores were forced to fight publicly quoted companies and o do with the larger scale of evident in the boam days, reversed the decline in its harder for business, and some so less vulnerable to sudden

(per cent. sh			
	1962	1971	1976
Multiples	24.0	29.3	40.6
Department stores	4.5	4.5	5.0
Variety stores	4.3	5.8	5.0
Consumer co-operatives	10.2	7.1	7.3
Mail order	3.5	3.8	4.8
Affiliated independent multiples	6.9	10.0	*17.3
Indonesiant natellate	47.6	39.5	20.0

HE RETAIL SALES

Source: National Census, Distributive Trades EDC (U.K.), Retail Trade Europe and Management Horizons (U.K.).

They account in total for over has fallen in real terms. Spend- halved since 1962 and now 10 per cent, of British retail ing in 1977 was the lowest for stands at around 20 per cent. hare will continue to increase, months retail sales have begun affiliated Distribution companies both to pick up again they are still Spar and VG, have increased last year Tesco stepped up the there have been no major to the wholesale and the retail running almost 4 per cent their share of the cake from price war by dropping trading casualties in British retailing.

sector—it took its toll of profits. Moreover, as the National The cutback in spending. Reversed

the multiples and the rate of cent. in 1962 to 7.1 per cent. end. n gross margins. the multiples and the rate of cent. In 1962 to 7.1 per cent. divisions between Since NEDO published its closure is generally assumed to in 1971. In 1976 the figure divisions between

the early 1970s, the trade has were privately run shops. The like limited range discount sales to tourists. Those groups time of such depressed sales.

authorities ensured that their more in London development was very smail

Despite These new developments, most groups have been Britain has a more efficient dis-faced with the problem of how tribution system than most of demand fell and consumers traded down, so competition During the same period, increased. 6.9 per cent to over 15 per stamps and cutting its margins, and that while profits have cerenore experience in targe-scare resulted in lew indicates the interest of the countries of the consumer group failures—agait from in areas that they have in some their own and the overall effect as in some other countries. has certainly been to delay any To some extent, this may be recovery in profits, if not a reflection of the way the

actually to reduce them overall. British groups are financed. On Repointed out in its report in Government price controls in Since 1962 department stores food business that competition chains are still in private hands 978, there is some evidence the year of the recession, meant have marginally increased their intensified. The development of and rely heavily on bank strip to with the larger scale of evident in the bount days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to with the larger scale of evident in the bount days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the bount days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the count days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the count days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the count days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the count days reversed the decime in its groups seemed to be having surges in interest rates.

Strip to the larger scale of evident in the count days reversed the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the larger scale in the count days reversed to the count days rev

But though many of the food partly to offset the lower groups saw their salvation in volume in their provincial building superstores in uncon- stores by notching up year-on gested fringe sites, the planning increases of 60 per cent. or

The ability to offset lower compared to the rest of Europe. sales in one part of the country To-day such developments pro- in this way could of course be bably account for not much said to be a benefit of Britain's more than 2 per cent. of total concentrated distribution setretail sales, though the six of up. The large national groups the new supermarkets has con- are able to spread both the tinued to increase to the extent capital costs and the effects of to-day that it is now unusual local competition over a wider for a food group to build a base than smaller companies supermarket less than 15,000 with all their eggs in one

regional basket. Supporters of the theory that to get more volume through its industrial competitors quote their existing stores at a time the performance of British reof reduced total demand. As tailers over the past few lean They point to the fact that, out-This was most side the menswear business and independents, like evident in the food trade where the fairyland world of Biba. nore experience in large-scale resulted in few major retail made the inroads into non-food retaliated with margin cuts of decline has not been as sharp

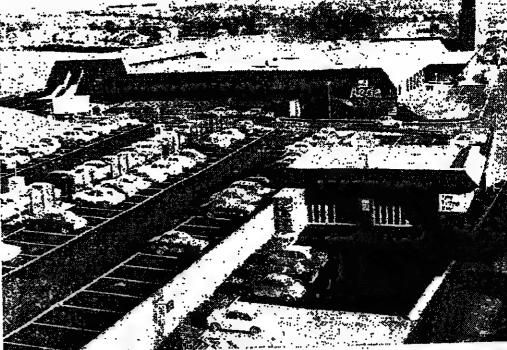
But it was not only in the the Continent many of the big the department ...the big British retailers are

British retailers had already Meanwhile, the old cut back on labour before the different recession began to bite, partly The through the frequence of a further 25 per cent, between precedented increase in consumer purificults as groups like now block and process and which are very expensive costs should lag behind the rate through the frequence of a further 25 per cent, between precedented increase in addition and if Reitain has not of each called growth. Most City through the frequence of a further 25 per cent, between precedented increase in addition and increase in through the frequency of a further 25 per cent, between precedented increase in addition and increase in the constant in the process in the constant increase in addition and increase in the constant i kinds of traders became more as a result of the switch to eveloped world, have of course shops in Britain fell by a spending, coupled with the un- and Marks and Spencer started 1966, so there was possibly terms of the development of big and which are very expensive costs should lag be rained the late of the last of cash sales growth. Mee' last over-staffing than in some new shopping centres, this created over-capacity by build- pundits are predicting an interestion. The hard times lift 1971, the date of the last official costs, forced retailers to make in a bid to increase volume. esh intrough the usume of a further as per cent services in a bid to increase volume.

The hard times hit 1971, the date of the last official costs, forced retailers to make in a bid to increase volume.

The poor state of the British relatively late in terms census, and 1975.

The consumer demand but when Some of these closures were new ways of trading. Ideas economy did bring some small three years ago had cheer to retailing. The depoint of the case of the Debenhams devance which has dragged down some which has dragged down som



The Asda store in Plymouth.

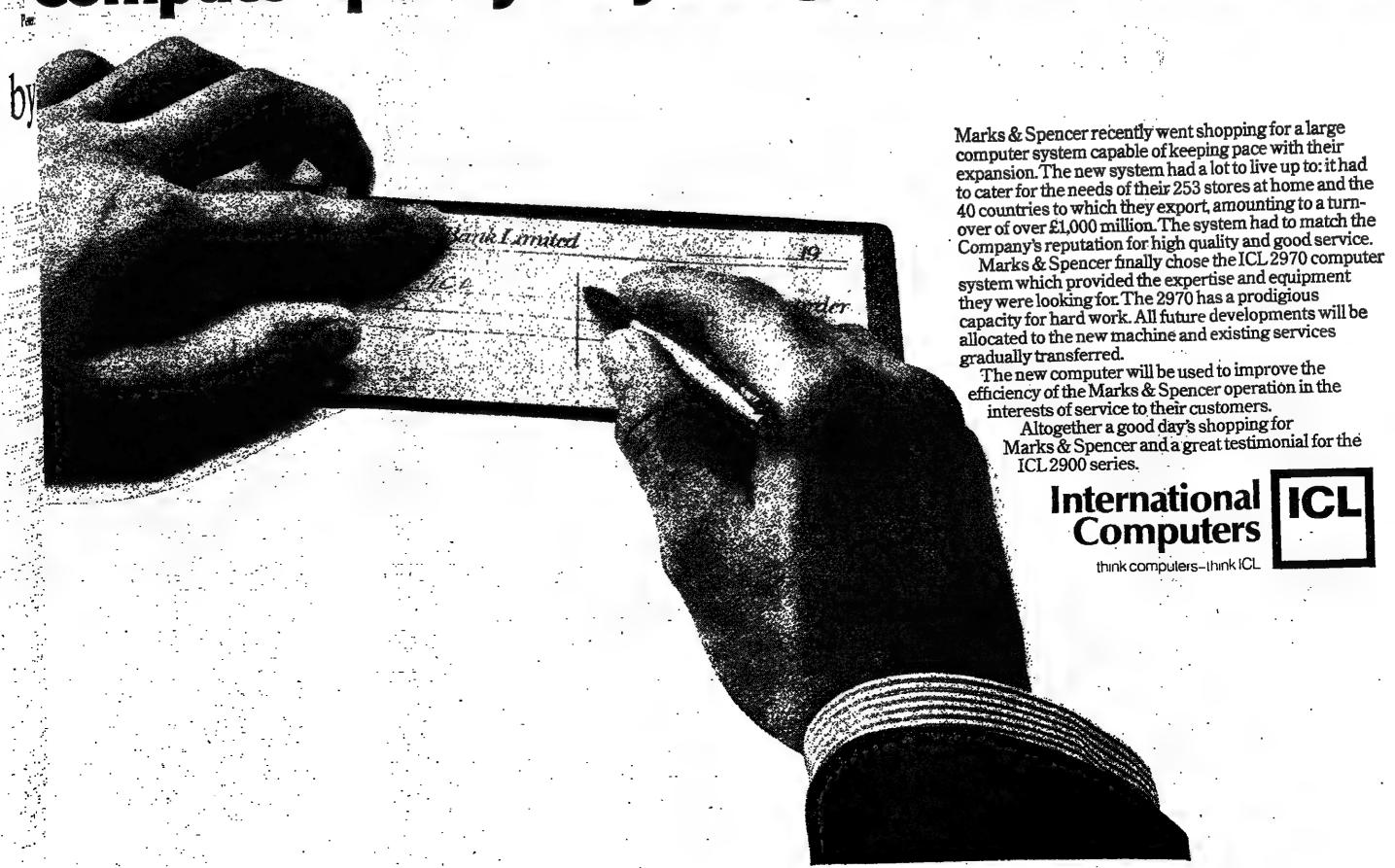
RETAIL OUTLETS AND SALES AREAS IN W. EUROPE 1975

Total sell r of area (n tlets square fo	a. of outlet	per 1,000	Sales area per 1,000 population (square feet)
73.9	492	15.24	7,508
00 31.2	539	11.39	6,136
00 296.0	558	10.01	5.590
00 391.0	711	8.88	6,308
00 13.2	471	8.84	4,166
00 349.0	364	16.96	6,166
00 85.6	586	10.61	6,220
00 333.0		9.41	6,000
90 -		5.60	
		8.25	_
00 —		10.94	
00		4.05	
100 —		<u> </u>	
	-	00 — —	6.08

Source: National Retail Directories, Census and Management Horiz

in which Britain has fallen be not fulfil the needs of the —the first signs of this have hind Europe and America in modern, car-borne shoppers, already emerged—and retailers'

the early large, the trade has were privately run shops. The time differences and superstores, began lucky enough to have stores in Moreover, while many people are still operating in old-time. Retail sales are expected a significant shape of sales taken by in-stores and superstores, began lucky enough to have stores in Moreover, while many people are still operating in old-time. Retail sales are expected to deal with three years share of sales taken by in-stores and superstores, began lucky enough to have stores in the business decry the way fashioned premises which do to show a real increase this year the consumer expenditure dependent shops has more than finding their way south. When Marks & Spencer went shopping for computer quality they bought ICL 2900 series



Family

shopping is no

longer the preserve

The latest MGN Survey on husbands'

indicates that four out of five British

husbands under 65 now get involved

with shopping, either doing it on their

In 1973 only three out of five husbands

It appears that the idea of shopping as

Perhaps we ought to coin the term

'houseperson' to represent the

were wheeling that supermarket trolley.

women's work needs some modification.

individual who does the family shopping.

influence on shopping for food*

own, or with their wives.

of the housewife.

On these two pages Elinor Goodman and John Wyles review developments in the U.S., Japan and some of the leading countries in Europe. There is a common thread, but also variations which in most instances are dictated by the differences in the individual structure of society.

Some major markets

Japan

America in the 1960s is only a few days. now beginning to reach Japan, and it is still by no means cerand st as stee by no meanifest itself them family-run and most of there in exactly the same way it them determined to stay in has in other parts of the business. According to

recently pointed out in a report the stability of their income on superstores, the labyrinth of than in increasing profits. Consystem has a long history and markets attempt to make inits problems cannot be solved roads into an area served by overnight. Japan's new indus- the small retailers, the latters' tries, like cars and electrical resistance is strong. This in appliances, have developed their turn has led the government to own streamlined distribution enact legislation protecting the systems but in older sectors, small shopkeeper notably food and textiles, the very complicated.

are still extremely important, traders likely to be affected by They themselves have very the opening. The opinions of varied functions while beneath local department stores and them operates a second tier of small retailers are often resub-contractors. In many cases spected and as a result the the goods reach the shops only proposed selling space can be after baving passed through reduced by as much as 30 per the hands of three separate cent, or even 50. wholesalers, 'The length of this chain is demonstrated by the Similar fact that the total volume of wholesalers is four times that of store operators has been similar

to say which is the chicken and development of shopping areas challenge well and actually moved into consumer which the egg). The small prise well as paying part of the increased their share of the durables, leisure goods and vately run shop is still a major cost of providing public utility market in the five years to 1977, other luxuries. Almost half force in Japanese retailing. The facilities. average Japanese shop still only

are still very important in the food sector. The Japanese housewife still seems to buy

THE SHOPPING revolution penishable food at local shops in which swept Europe and North amounts only big enough to last

Each residential area has its cluster of local shops, many of Nikko Research Centre, these As the Nikko Research Centre shops are more interested in distribution sequently, when large super-

Any retailer wanting to build lines of distribution are still a large store has to produce proposals which are ultimately In these sectors wholesalers scrutinised by all the local

to that of some companies faced The strength of the wholesale with similar opposition in Japanese retailing and for many the growth of the Japanese sector is partly a reflection of Britain. To-day superstores are years the major exponents of economy. Initially they tended the way the retail market is offering to help small shop general merchandise selling, to specialise in food and other organised (abough it is difficult keepers by assisting in the reseem to have withstood this basic household items but have seem to have withstood this braid production of the seem to have withstood the gradually moved into consumer.

per cent. in 1972 to just-under groups have diversified into The response of the super- a quarter last year. The department stores, long an important feature of markets basically coincided with manifest themselves in

But the 60s rather than the 70s.

from Euromonitor, the super-supermarkets continued

markets chains increased their increase. As in Germany, some past few years and have thisely share of the market from 8.4 of the big department store money in Europe to finance this changes it looks like beingse time before all the trends w Certainly many of the a Japanese forms of disc though the wholesalers have to adapt their operati their sales are now said to be to new trading conditions.



The Datsun/Nissan Motor group's Hommoku wharf

MIRROR GROUP NEWSPAPERS

Otherwise we

would be in

danger of ignoring

about 1.9 million men.

And when one adds to those 1.9 million

the three-quarters of all husbands who

go shopping with their wives, and do

Influence what is bought, it adds up to

should prompt new creative and media

longer be aimed solely at the housewife,

After all, her husband might feel left out.

And that could lead to you being left on

*Hosbands and Wives and Shopping for Food. By Brian Allt.

a new ball game - and that, surely,

Perhaps advertisements should no

If you'd like to talk further about this, give Ron Oxlade, our Retail Sales Manager, a call on 01-822 3410

The changing face of the housewife

One of the world's more tamous shopping centres.

The independent partnership of Healey & Baker was founded in 1820 in London to advise the owners of real estate in the fast growing Metropolis. The name Healey &

fast, changing world of

A name now almost as

familiar in the High Streets

retail property.

Baker has grown synonymous with all the varied facets that reflect the varied and

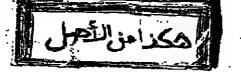
of Great Britain as the householdnamesitcontinues to advise.

And a name too that has become familiar in such major centres overseas.as. Brussels, Paris, Amsterdam and Jersey.

So if you are thinking of retailing either in Great Britain or Europe

Come shopping at Healey & Baker





West Germany



The British liked what they saw and began to consider how they could develop the concept for their home market. results were the new chains of imited range discount stores now being run by groups like Fine Fare as a means of increasing sales through small stores is the biggest market in Europe bounds and the number of companies with an unishall which probably would otherwise

its own An unusual feature of sion.

its own. An unusual feature of the German market is the Verbrauckermorks or consumer market—the mini hypermarkets which range in size from 1.000 so, metres (about the cut-off point for an Aldi) to 2,500 so, metres, and offer discount prices on a wide range of both groceries and non-foods.

According to figures produced last year by MPC, Germany has more hypermarkets than any started the new trends caught other European country. This on fast. As in most other development is perhaps not surprising in loped countries, self-service in their sales in real terms. In offer around 10 per cent. The sales around 10 per cent. The sales in real terms. In offer stall sales—a higher some ways if could be argued that their problems had been department stores groups like those of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the big made worse by all the new treatiles. The sales of the problems had been treatiles. The sales of the parties of the treatiles. The sales of the sales in real terms. In their sales in real terms. In the treatiles, the problems had been treatiles. The sales of the sales in real terms. In the sales in treatiles. The sales of the sales of the treatiles. The sales of the treatiles. The sales of the tre

view of the fact that Germany stores have grown by leaps and store sector and the mail order of a shortages of good sites.

average Japanese shop still only

But despite the continued were the boom period for in items other than food and are unlikely to he down a
has an average of 70 customers importance of the small shop in Japanese department stores
as against 100 to 140 in most Japan, it is the supermarkets Last year, for example, department on the large stores are their counterparts have in many of the large stores.



The Herlie shopping centre in Frankfiirt,

have had to be closed. These for retail sales. But for a independent traders has dec high penetration in Germany have had to be closed. These for retail sales. But for a independent traders has dec. high penetration in Germany new chains, with their emphasis foreigner, the German market lined sharply. In the boom years which have attracted the head on keeping costs to the minimum, also owed much to the inspiration of the successful British discount chain, Kwiking to Euromonitor, the German But despite the development of the takenver of the save, but the companies behind them preferred to acknowledge their German parentage.

It is not only in this particular form of discount trading that Germany has gone out on from the effects of the recess German department stores still in the boom years which have attracted the head lines over the past few years as far as the financial news is far as the financial

calar form of discount trading have suffered most markedly lient. Despite their problems. As in Britain, the big group that Germany has gone out on from the effects of the reces- German department stores still have been struggling to increase account for around 10 per cent: their sales in real terms. In

RETAIL TRADE BY FORM OF ORGANISATION

(Per cent. shares)

	. E	ELGIU	M.	• :	IRELAN	00	171		, NETHEBLANDS
	1962	1971	1976	• •	1962 1971	1976			1962 1971 1976
Multiples	4.0	9.9	14.8		6.0 10.2	*14.6		3.0 5.5	17.6 20.3 28.2
Department stores	3.9	3.9	1 -441	-	5.5 6.6	*6:5	0.4	0.5	-3.3 48) 55
Variety stores	3.0	4.3° 2.4	1 2		70 470	*2.8 75	13	17 25	10 15 15 12 12 12 12 12 12 12 12 12 12 12 12 12
Mail order	9.5		. 1.3 1.2		ر بادو احد - الله	, <u></u> :	0.1	0.2 0.3	0.6 0.9 0.9
Affiliated independent multiples	. 6.8		7.8		53 - 455-		2.0	5.6 8.5	20.0 24.7 3L4
Independent retailers	77.6	71.7	*65.9		75.2 69.0	61.6	93.2	85.6 78.6	55.8 46.2 32. 8

 Estimate by Management Horizons. Source: National Census, Distributive Trades EDC (U.K.), Retail Trade Europe and Management Horizons (U.K.). also

INTERNATIONAL RETAILING



Sergels Torg, the square in the modern centre of Stockholm.

Scandinavia

changes which have taken place national, the end of retail price operated by wholesalers. relatively late. While independent the structure of Swedish remaintenance in the 1960s. At the other end are the dent retailers in coupled with the urban traditional consumer-owned conference of faced growing competition from

At the same time new forms lowed by the emergence of a of small convenience stores few powerful retail groups and Claimed

other countries. But the rural communities. retailer in Sweden, has already operated among themselves to will be offered special discount problems their counterparts in expanded into Norway and form voluntary groups which prices on selected lines. other parts of Europe had suf-Denmark and is now beginning now account for about a quarter. Elsewhere in Scandanavia fered in the previous two years.

S A highly arbanised country, to open its first shops in of all retail sales—a far higher there has been a similar move Sweden has eften led the way Brilain penetration than in most other towards greater concentration in the development of new According to Euromonitor's countries. Most are retail retailing, though in neighbourpenetration than in most other towards greater concentration in forms of retailing. Many of the publication Retail Trade Inter- owned rather than, as in Britain, ing Denmark the move came

of the country, made Sweden operative societies. Though larger companies, the small The first hypermarket was the perfect breeding ground for their life has not been made trader in Denmark remained built in Sweden as long ago as the large organised retailer, easy by the development of pri- protected by Government legis-982; while self-service has made Given the amount of consumer vately run multiple chains, they lation. In 1970, however, the bigger in-roads into Swedish re-protection legislation in have managed to hold on to a law which effectively limited talling than in practically my Sweden, not all its traders share of the market which is the number of shops a retailer other country even furniture is would agree this view, but the the envy of Co-ops in other could operate was repealed, and sold on a self service basis, and of RPM was certainly fol-countries.

have sprung up which sell a an acceleration in shop closures.

As in other European countive movement claimed to have accelerated and multiple days been the opening of outlets by trade as the small independent sales and it announced that it the opinion of some, the voluntary manufacturers and wholesalers traders went out of business, was hoping to increase this to tary group movement is the most effective in Europe, independent of their own specialist protosell their own associations.

The prices of these sprung up which sell a special trader was partitive movement claimed to have groups like Irma have grown taken 17.8 per cent of total up. As in Norway, where in the opinion of some, the voluntary group movement is the opinion of some, the voluntary group movement is the opinion of some, the voluntary group movement is the opinion of some, the opin been developed by retailers in provide shopping facilities in some ideas which could well be has not escaped the effects of copied by co-operative societies the recession-though in the Swedes themselves have taken. One of the novel aspects of in other countries. Recently, case of Denmark the brakes did some abroad. The discount the Swedish retail scene is the for example, about 20 of the not come on until the end of furniture chain likes, for development of "co-operation" 190-odd societies linked to last year. In the last quarter hi z example, has shops in five Euro- in the widest sense of the word. Konsum-Kooperativa Forbundet, of 1977 sales in both Denmark This pean countries as well as in This has manifested itself in announced that they were to and Sweden were very de-Canada, while Hennes and two ways. At one end of the start issuing membership cards pressed and retailers were ex-Mauritz, the largest specialist spectrum retailers have co- to their members. Card holders periencing much the same

major changes in the retail

tiructure.

United States

industrial analyst can see a of the most aggressive and suc- 22 per cent and Woolworth 15 nationally on TV and in magabusiness sector in transition result. where managerial emphasis is Embark weaning towards growth by

The

THE U.S. retailing scene has a tailer. Until about ten years spending, the wheel which keeps is out of the basement and on particular fascination no matter ago, Sears' reputation rested on the U.S. economy turning, has to the main floor." what interest is in the eye of the its sales of good quality, rela- proved extremely buoyant dur- Mr. Sosnick believes that beholder. The casual shopper tively low-priced merchandise, ing the past year. It has to catalogue chains like Sears and can find an impressive variety However, this was sacrificed in a remain so for the Carter Ad-Penney will have considerable of price and product and stand- move to widen margins and to ministration to achieve its resources to bring to bear in ards of display in big city depart- exploit increasing consumer hoped for 4.5 to 5 per cent. their attack on fashion sales, ment stores which testify to a affluence. Moreover, the low growth in real Gross National Quite apart from the catalogues great deal of imagination and price end of the market was be- Product this year. By the end of themselves, they enjoy the thought. The investor will find a coming extremely crowded with March Sears had posted a 12 per advantages of shopping centre range of stocks offering him discount houses—with K Mart cent. year-to-year sales gain, K locations, high volume purchasboth yield and growth while the in particular proving to be one Mart 16 per cent., J. C. Penney ing and the ability to advertise

the suburbs of the American to embark on an ambitious price for clothing sales, particularly of the advantages they used to middle class. During the 1960s cutting programme to lure cus- fashion wear. Again K Mart sent enjoy. The development of chain stores, regional depart-tomers back from K Mart. Profit a tremor through the industry shopping malls means that they ment stores and discount houses margins were reduced and it by radically improving the are no longer the only place dominated the suburban shop- was hoped that higher volume fashion content of its women's for "one stop" shopping and

years and recession and eroding the company's sales actually rose mined national effort to boost Professor Salmon believes profit margins have seen the 13 per cent but earnings fell 20 its sales of women's clothing that to counter the loss of mar-disappearance of such well-per cent from the correspond- by displaying branded goods ket share department stores will known names as W. T. Grant, ing period the year before. This familiar to department store expand into "ego"-related busi-nesses such as speciality retail-White Front.

pany's management which con- According to Mr. Bernard ing. Some of this expansion will During the last few months ceded that its price promotions Sosnick, retail analyst with L. F. probably occur through acquisi-

tween the discount houses, the improvement items were "too Penney is likely to be successful as a company moving in this chain stores and the department deep, too long and too frequent." in making invoads into the direction through its purchase stores has intensified. Most It is by no means clear how department stores' market of booksel notable has been the aggressive much of the market Sears was share, "and with its new operations. pricing policy adopted by Sears able to take away from the dis-strategy, the battle between the Roebuck, the world's largest re-count houses since consumer chains and the department store

per cent. These advances went a con- Mr. Sosnick is not alone in

ping centres which characterise would more than compensate. wear departments and then the widespread availability of the American consumer's way for nine months of the year it J. C. Penney, which is not credit cards means that they are of life. Competition for business did, but the plan went badly traditionally viewed as a not the only source of credit became intense, and in recent away in the final quarter when fashion store, launched a deter- for the shopper.

the fight for market shares be on consumer durables and home Rothschild Unterberg, Towbin, tion, and he cites Dayton Hudson

siderable way towards offsetting believing that conventional weaning acquisition rather than the development of original outlets.

This company's sales stood at a weather-depressed January department stores face a diffivelopment of original outlets.

Historically. U.S., retailing risen to \$300,000 in 1962, had and February and sustained cult future and that some may hopears to have exhausted most close to \$100n. hast year. Sears, have a good spring sales period. Professor Walter Salmon of the of the rich opportunities assowed whose net sales in 1977 were it will take place against the Harvard Business School argues the with the steady move to \$17.20n., decided early last year background of a bitter battle that these stores have lost many the suburbs of the American to embark on an embitions wise.

market of bookselling and jewellery

John Wyles

RETAIL TRADE BY FORM OF ORGANISATION

(Per cent. shares)

	Den	mark	W	est Gern	niy.		France		Swe	den
Multiples Department Stores Variety Stores	1962 3.1 3.5	1971 6.0 3.6 } 2.0 }	1976 10.0 G,0	1962 0.1 6.5 1.2	1971 14.6 8.8 1.5	1976 19.0 10.5	1962 8.6 1.1 4.2	1971 15.2 5.3	1971	1976 3.9 7 10.9
Consumer Co-operatives	10.2	114	8.5	3.1	2.8	3.1	2.6	2.9	18.6	17,2
Mail Order	0.1	0.2	6.2	3.5	4.7	5.0	0.7	1.1	LA	1.9
Affiliated Independent Multiples	13.5 69.5	16.7	30.0 55.3	34.5 43.1	39.6 37.8	40.7 21.7	11.6 69.0	15.6 55.7	70.0	58.1

Clothing Transport

Source: National Census, Distributive Trades EDC (U.K., Retall Trade Europe and Management Horizons (U.K.).

SHOPPING in France is like walk of the small specialist it is the French who are travelling in a time machine shops — are examples of the acknowledged leaders in from one end of the 20th kind of huge modern retailing field. To day there are 350 centre concept further than century to the other. At one development which are the hypermarkets in France. most other countries. Paris is end of the spectrum are the pattern for the future and the Normally situated outside now surrounded - some would kind of shops which delight the envy of retailers throughout the towns, these monster stores are say strangled—by a ring of vast

sonal service can be almost forms of shopping. The hyper- than America, that those look- ping environment.

foreign visitor—the ideal pattis—world.

Steries overflowing with delicarries which look as if they as far as retailing is concerned.

French retail sales. Their cater primarily for the carlaye been hand-made to sabo. For the past ten years or so operators, like Carrefour, have borne shopper and which in
large file waist-line or the the country has led the world exported the idea around the most cases have managed to
bouttones where the level of in the development of new world and it is to France, rather create an attractive new shopthan America, that those lookping environment. overpowering. At the other market concept may have ing for aspiration about large-sometimes within five minutes originated in Scandinavia but scale developments now turn.

Similarly, the French have the developed the regional shopping most other countries. Paris is

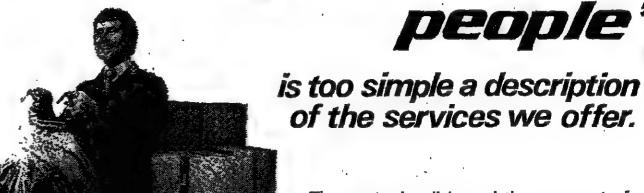
Alongside these new develop ments, however, the indeendent trader has managed to hold onto a bigger share of sales than in almost any other developed country. cause of the highly discrimi nating character of the French onsumer and partly because of the political clout of the small shopkeeper, the independen ector still accounts for around 50 per cent. of total sales.

According to figures produced by Euromonitor, this share has actually increased over the last five years despite the many losures in the food busines The regional retail structure has belped the small trader and hindered the multiple-though ecently there have been signs of regional groups like Casino moving out of their traditional territories and into the rest of

The huge shopping develop ments opened over the last 10 years have of course taken business from some of the established operators. French magazines talk about the crisis in department stores which, like the variety chains, have been ezed not only by the open ing of hypermarkets selling a wide range of non-food items but also by the development of pecialist discount chains.

Most of the department store groups have moved into hypernarket trading (An Printemps for example, is associated with Euromarche, the third largest hypermarket operator) as well as opening new stores in the regional shopping centres. But the expansion has not been without its problems. Au Printemps for example recently closed its department store in the Creteil centre.

Looking to the future, most Franch retailers seem to think that the country is beginning to reach saturation point as far as large-scale developments are concerned. The law in any case militates against such develop ments and even if the rate of closure among independents begins to pick up there still looks like being over-capacity in French retailing for some time



Clothes on hangers

or in cartons



Efficient warehouse call-off systems

These extend well beyond the movement of clothes on hangers for which we are best known.

We also carry them in cartons. And offer short and long term warehousing facilities with garment call-off systems if required. For multiples, this provides an economic alternative to holding back-up stock at branches. With Tibbett & Britten rapidly replacing garments sold, the floor space saved can be more profitably used to extend the selling area. Equally, clothing manufacturers and shippers rely on us to handle all their warehousing and distribution.

Whilst operating a regular distribution network, costed on quantity and distance, we also offer contract rates for bulk and will gladly set up special collection and delivery systems to suit our clients' needs.

Security is an essential of our service. Our record in this is unrivalled by any other transport

The 'Clothing Transport People' is too simple a description of the services we offer. Call us . . .

Tibbett & Britten Clothing Transport



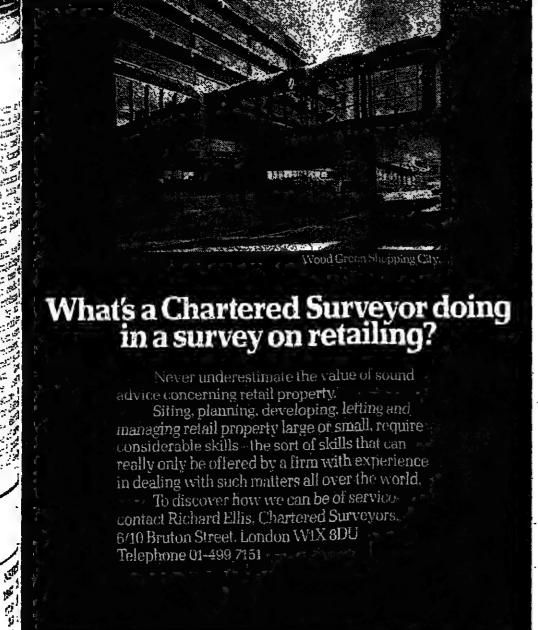
Nationwide depots





Domestic, Continental and world wide service

691/697 High Road, Tottenham, London N178AZ. Tel: 01-808 3040. Telex: 267547,



Electronic systems for stock control

A MAJOR problem confronting to the point of sale, has been issue delayed development of language so that the computers in relation to POS systems, retail managements in Europe one of the major management the system. In addition, since of grocery manufacturers and Grocery suppliers respond to the to-day, in the light of increased techniques in retailing in bar-coding invariably means an retailers can communicate. In euphoric talk about the benefits stockholding costs, is how to Europe over the past few years, absence of individual price- January of this year the Article of "computers speaking to comwalk the tight-rope between And the use of technological marking, American manage- Numbering Association in this puters" with more than a touch keeping stocks at their lowest devices such as scanners incor- ments also found themselves up country — a body made up of of weary cynicism, suspecting and most economic level and porating laser beams has been against the consumer lobby. As retailers, manufacturers and (not without some justification) at the same time avoiding accourated by the development a result, as recently as the wholesalers — announced the that this is yet another "specdisastrous out-of-stock situa- of the har-coding system, which beginning of this year only launch of the Article Number tacular development" tions—the best way of sending contains information on the some 200 of American super-Bank, which allocates specific food industry which would customers to the rival super- product's country of origin, the markets were using fully-numbers to manufacturers' pro- require from them a contribu-

The answer, of course, lies in the product line. improved management informa- But when the system was in- Language tion systems, and particularly produced into the U.S. some two in capturing rapid up-to-date and a half years ago results. Nevertheless, over the past number of sophisticated point- Association conference in Lonand detailed information on were not particularly happy, few years the European Article of-sale systems to retailers in don in January major suppliers sales which can automatically American retail managements Numbering Association has been Europe. Sweda and NCR are such as Birds Eye and Proctor and swiftly be related to stock were more concerned with the set up essentially to offer a two of the leading companies and Gamble made it clear, amid replenishment. The application reduction of labour costs than number system to the twelve in the field. of electronic data processing to stockholding costs, and conflict European signatory countries. Sweda numbers among its that they were prepared to retailing, and more particularly with labour unions over this which will provide a common customers two Carrefour hyper undertake bar-code printing

name of the manufacturer and developed point of sale ducts, computer-linked systems.

several of the major computer the retailer. manufacturers have sold a At the Article Numbering

markets in France and two in only in conjunction with their the U.K.; the Rinascente depart- normal packaging-design proment store group in Italy; the gramme. That, they warned, supermarket group Albert would mean a time-lag of at Heijn in Holland; and the Ger-least three years. man cash and carry group Ratio. Sweda has also been although accepting the need for active on the American front up-to-date sales information, of the principal manufacturers French supermarket group But in Britain there is no selling systems to Bradlee's deview with alarm the high cost of portable data entry terminals. SAPAC. In Germany, it has tere uniformity of attitude on the partment store group in Mass of electronic systems at point designed to be carried round a minals in the Schmidt super- part of retailers over the prospective Monday of classics.

tion to the costs while provid-In line with this system ing them with less benefits than

the surrounding proselytisation,

Some major retailers, too,

sachusetts. Woodward's depart- of sale, which can amount to store to record sales, either market group, and in Italy is and cons of POS terminals, ment stores in Vancouver, and about £3,000 per check-out. They keyed-in manually or through a represented in three out of five Tesco, which has just spent. installations in Mexico and are aware that source data can wand scanner which reads a of the country's major super 16m, with IBM on computers, 15 be captured in a number of bar-code shelf label. The market companies SGS, Super going to start full-scale com-NCR has been busy in Scan- different locations in the retail terminal is then coupled to an markets Italiani, and Super- puter-linked POS trials over the keyed-in information; but the two fully-computerised POS latest development is in the Sweda systems in its hyper-PAM supermarket in Venice, markets at Minworth and East, where there are UPC shelf leigh, is changing its appreach

market companies using MSI range of non-computeris

labels read by a wand scanner, for its Bristol hypermarket to In America MSI claims to be opened next month. Here it have 17 out of the top 20 super- will be using the Sweds I

> **Edward McFadven** Editor, Retail on



MSI portable data capture terminal.

dinavia; one of its latest con- system, and not just at the point ordinary telephone and the mercato PAM-with 200 ter- next two years, and is fitting; information is automatically minals distributed throughout out its Wellingborough store tracts is with the department of sale. store group Magasin du Nord. Some retail companies—Sains, transmitted to a computer all three. All of these systems with 16 IBM 3663 registers Grant Computer all three all three systems with 16 IBM 3663 registers Grant Computer all three systems with 16 IBM 3663 registers. store group magasin du Nord. Some retail companies—sains centre or warehouse. The an or tress systems with the other hand Carrefour, with mark. Over the next couple of installing general purpose data system is capable of being used. years a total of 650 NCR 2151 entry terminals which are one by small independent retailers POS terminals will be installed quarter the cost of a fully if they are ordering principally in the six stores, and each store computerised system and can from one supplier—as in the will have its own NCR 725 mini- provide up to 90 per cent. of case of symbol groups. computer. Early last year the the information. Systems such supermarket group Irms, the as this still offer all the main Command second largest retail company computer-orientated facilities, in Denmark, installed an NCR such as wand reading of OCR MSI claims to command 80 terminals for branch re-order registers at the 50 checkou 255/726 computerised checkout (Optical Character Recognition) per cent, of the portable data ing and transmission of orders a system which is con built into the checkouts. NCR chandise tags, transmission of same also supplied the Court deta centres. These Carrefour only about 40. system with laser beam scanners or magnetically encoded merhas also supplied the Swiss data by telephone lines, and 63,000 terminals installed in 18 include A and P, Kroger, Jewel cent. of a totally computering department store group Jelmoli even automatic data polling by and the German store group the computer of each shop locations. Among European and Grand Union. In this on-line system, yet getting as and the German store group the computer of each shop locations. Among European and Grand Union. In this on-line system, yet getting as and the German store group the computer of each shop location. The company also tion during the night. So the entry systems in the Belgian (builders' merchants) use MSI managing director Peter Stubbs. has a number of installations in full advantage of a daily stock superstore company Grand terminals which are reported to as can be usefully handled." control system can be gained at Bazar (part of GB-inno-BM), in have improved warehouse ser-One of the 48 NCR terminals at one of the checkouts at the Migros store in the the French Co-ops of vice levels by 15 per cent and Champagne, Lorraine and to have out branch stocks by a But there is growing scepti- considerably lower investment the Glatt shopping centre at Zurich in Switzerland. The terminals are linked to an cism about article numbering cost. NCR in-store mini-computer for price look-up and management information. MSI Data Corporation is one Valance, and in the 80-strong thirds and particularly about its use

Why you should employ a security company with a 95% failure rate

We're proud of our failures.

They're one of the reasons why we're so good at our job. Group 4 standards are the highest. Right from the start.

The material that goes into our uniforms is only the very best — as

95 out of every 100 of the people we interview will testify.

And the 5% who do make the grade are subjected to a total security Training Programme which is second to none.

We're every bit as particular about the equipment we install. From

buzzers and alarms right through to master control systems.

 In fact, our Quality Control, testing and checking procedures are so. comprehensive that we could be criticised for being over-cautious. -

But in our business you can't be.

We're part of the largest security company in Europe and the world.

With over 70 years of experience behind us. We've a reputation to protect.

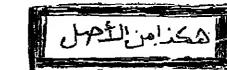
And in a funny sort of way, it's our failures that keep us intact



Giving the world a sense of security

Group 4 Total Security Ltd., 7 Carlos Place, London W.1. Tel: 01-629 8765 or your local office through Yellow Pages

Incar April 17 da



INSURANCE, PROPERTY, **BONDS**

UNIT TRUSTS

A STATE OF THE PARTY OF THE PAR		
heer 13ft Sasurance Co. 14d.	General Portfolio Life Ins. C. Lid.	NPI Pensions Management Li
	60 Bartholomew Ct. Waltham Cross. W2319'11 Portfolio Fund 130.6 Portfolio Capital 01.6	48. Gracechurch St., EUD 3HH. 01. Managed Fund 146.9 152.0 Prices April 3, Next dealing Ma
10 10 10 10 10 10 10 10	Gresham Life Ass. Soc. Lid.	New Zealand Ins. Co. (U.K.) I
clearly Fund	"2 Prince of Wales Rd. Bymouth 0203 707655 G.J. Cast Fund 1956 1964 1965 G.L. Paulty Fund 1963 1954 1964 G.L. Call Fund 1984 1964 1964	Maitland House, Southend SS121S G. Kiwi Key Int. Plan. 1134.6 138.6
Sept. Sept	GL Glt Fund 111 114 - GL ind. Fund 120 7 109.2 - GL Ppty Fund 157 100.7 -	Kiwi Key Int. Plan. 134.6 138.8 Small Co. Fd. 100.1 105.3 Technology Fd. 100.2 106.6 Extra Inc. Fd. 97.4 102.5 American Fd. 97.4 102.5 Small Co. Fd. 97.4 S
Pear, Engly 1847 1946	Growth & Sec. Life Ass. Soc. Lidy	Far Fast Fd 100 3 1056
ms. Section	Weir Rank Roomen Themas Roots Tel. 34284	Norwich Union Insurance Gr
Prince at April 4. Valuation atomathy Tues.	Plerible Finance CDSI — — — — — — — — — — — — — — — — — — —	PO Box 4. Normalch NID1 TNG: 04
Diany Life Assurance Co. Ltd. Old Bodington St. W.1. 01-4875502 grainty rd. Ass. Ltd. 1704	Guardian Royal Exchange Royal Stehange, E.C.3. 01-2837107	Fixed let Grand 125.7 130.2
William February 1905	Property Bonds 178.9 178.8	OHIC MAP, 19 1914
Prop CAR 1973 1973	7 Old Park Lane, London, W1 91-890031 Fixed lat, Dep. 1282 138.1	Phoenix Assurance Co. Lid. 45. King William St. EC4P4HR. 01-
To Tried Line Acc. 1178 1773 1774 1775 1775 1775 1775 1775 1775 1775	Francis 1151 173.7	Wealth Ass. 167.9 112.7 Eb'r. Ph. Ass. 72.5 74.1
File los Penden (1905 1864)	Mineret Acc	Prop. Equity & Life Ass. Co.
The Handle Head	Can Li Marcan - 1394	R. Silk Prop. Bd. 175 6 Do. Equity Bd. 69 8 Do. F2. May. Bd. Fd. 151.1
AMEN Hear S 1981 1985	Pen. Prop. Acc. 256 1 269 211.5 -	Preparty Growth Assur. Co. L.
Alms Hee, Amales, Recent Land and M. Control of M. Control	Pen Gil Edg. Cap. D218 1293	Property Fund At 177.6
	Pen Gill Est Act. 1215 1751	Agricultural Fund. 736.4 Agric Fundi A. 731.0 Abbey Nat. Fund 151.5 Abbey Nat. Fund 151.5
O Dabridge Reed, W.12. 01-4497111	Hearts of Oak Benefit Society 15-17, Tavistock Place, WC1H9SM 61-387 5000	Intestment Pd (A) 48 9
IMPRODUCE AND	Hearts of Oak 1862 962 962 —] — Rill Samuel Life Asser. Ltd.	
Sarchys Life Assur, Co. Ltd.	NT A Two Addisonness Dr. Com. Al-MACASS	Gilt-edged Fund 1213
52 Beneford Rd. E.F. 01-53 1864 1925 -14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	9Property Units 1143.7 153.1	olimned Anaty 1385
100 A 101 A	Managed Series C - 1947	Prop. Growth Pensions & Anguities I All Wither Ar. U.S. 120,9 136.5 Wall Weather Cap. 123,7 136.2 Vinv. Pd. Utc. 133.6
den Pres Account #12 1918 + 0.1 - 1 1918 - 1 191	Monor Series A 76.5 III. 4 CB - Pined Int. Ser. A 72.3 71.2 CB - Pined Int. Ser. A 72.3 71.2 CB - Pine Med. Cap. 139.4 167.3 17.2 CB - Pine Med. Acc. 144.6 154.4 - Pine Gld. Cap. 159.7 118.3 - Pine Gld. Acc. 159.7 118.3	Propries Fel Lite 1288
in lainel 4.5 7.5 -		Man. Pens Cap. Lil. 1338
in Initial 160 1 1621 16 Commit unit voice Heach 29.	Imperial Life Ass. Co. of Canada Imperial House, Guildford, Growth Fd. Am. 14. 67.7 Penn. Fd. Abr. 14. 62.5 Growth Fd. Abr. 14. 62.5 Growth Fd. Abr. 14. 62.5 Growth Fd. Abr. 14. 62.5	
1, Lombard St., ECS. 01-623 1266	Treit Linked Portfolio	Provincial Life Assurance Co.
	Hamaged Fund. 93.9 94.8 -1.0 - Pines int Fd. 95.1 100.1 - Secure Cap. Fd. 95.4 100.2 - Equity Fund. 95.4 100.4	222, Bishopsgaté, E.C.2. Prov. Managed Fd., 112.5 Prov. Cash Fd. 104.1 Gib Fund 20. 214.2 120.4 - 2.
To comm Fed. Apr. 6 1998	Irish Life Assurance Co. Ltd. 11 Findows Source EC2. 01-628-6263	Gh Fund 20. 120.4 -2. Prudential Pensions Limited
	Bine Chip Apr. 7 68.9 72.5 490 190	Holboro Bars, ECIN 2NH. 01- Equit. Fd. Mar. 15 1622 98 23 89
Dispute Wi, Wenther HARDES 1 SECTION 10 CONTROL OF THE CONTROL OF	King & Sharson Ltd.	Prop. F. Mar. 15 124.59 25.35
Topicry Units 2007 1134 013 play Bond Exec 1277 1134 013 play Bond Exec 1277 1172 1175 play Bond Exec 1277 1176 015 play Bond Exec 1277 1176 015 play Bond Bond 1181 1165 015 play Bond Bond Bond Bond Bond Bond Bond Bond	82 Corpbill, ECS. 67-635-5423 Bond Fd. Exempt. 1108.91 118.78 1 18.78 Next desting date April 18. Govt. Sec. Ed	Reliance Mutual Tunbridge Wells, Kent. 08 Ret. Prop. Eds
Deposit Bond Diel Dies Dies Dies Dies Deposit Bond Die Dies Dies Dies Dies Dies Dies Dies	Govt Sec. Ed	Rothschild Asset Management
Carles and Property 102 2678	Langton Hs. Holmbrook Ir. NW4 01-903-5211	St. Swithins Lane, London, ECA. 01- N.C. Prop. Har. 31) — 12144
nd Gr. Pensilace . 22 773	Wisp (SP) Non Ft 752 793	Royal Insurance Group New Hall Place, Liverpool. 651:
To the property 1912 1973 1974 1975 1975 1975 1975 1975 1975 1975 1975	Legal & General (Unit Assur.) Ltd. Kingswood Rouse, Kingswood, Tadworth, Surrey K120 68U. Cash initial	Royal Shield Fd [132.1 139.0] Save & Prosper Group®
20 PS - 25 SIF 2 SIS - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 1	Do Accura	4, Gt.St. Reien's, Ludo, EC3P SEP, 61-5
	TO ACCUMENT	Bal Inv. Fr. 2223 1295 Property Fd. 1492 157.9 Gill Frd. 1184 124.9 +11 Deposit Fdr. 122.9 126.5 Camp. Pens. Fd. 129.9 286.5 EquityPens. Fd. 167.8 177.2 -6.
City Sensor House, Chapel Ask Wites 6002 20011	Stanged Initial 1127 1127 -011 120	Comp. Pens. Fd. 198.5 282.5 Equity Pens. Fd. 187.5 177.2 0. Prop. Pens. Fd. 289.7 221.4 Gills Pens. Fd. 21.0 95.8 +0.
harterhense Megna Gp.V S. Chequeries Go. United USS 102 Series britishe Bergy 184 5.72	Legal & General (Unit Pennional List.	Depos Pens Fd.t. 17.1 1823 Prices on "April 11. (Weekly dealings.
S. Chequiers Sq. Unbridge USS 1802 Strike Energy 95.4 57.2 Strike Energy 95.4 57.2 Strike Monty 72.2 50.8 Strike Monty 97.4 50.2 Strike Monty 97.5 St	Shannak Potts, Said 1977 772.4	Schroder Life Group?
leges Henaged 153.7	Do. Accum. 1982 1143 Exempt Fixed Init 1984 1143 Do. Accum. 1956 1112 Exempt Mond. Init 1977 1144	Equity Apr. 11 20.6 2145 250 250 250 250 250 250 250 250 250 25
my ity of Westminster Assur. Co. Ltd. Designated House, 6 Whiteherse Road, region CEO Ltd. p. 684-9864.	Do. Arcum. 108.5 11A.5 100.5 100.5 100.5 100.5 100.5 100.5	
The last Property France 1984 624	Legal & General Prop. Fd. Mgrs. Lid- 11, Queen Victoria St., EON 477 51-348-9578	KASGIILADE. !! 147.7 151.0
Edward Merson France 201 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LaGPrp.Fd. Apr. 1993 1017 Next sub. day May I.	Mngd 3Apr. 11 1481 147.4
1.19 MIO MCMarminad Final 78.4 73.4 73.4 73.4 73.4 73.4 73.4 73.4 73	Life Assur Co. of Pennsylvania : 30-62 New Bond St. W170RQ 01-621-5365	Money 3 Ags. 11 1143 1224 1224 1224 1224 1224 1224 1
17.1 17.1	LACOP Units 1987 1957	BSPn. Cn. Apr. 11 119.3 BSPn. Ace Apr. 11 128.8
ens. Equity Acc. 46.7 41.1 -13 -	71, Lombert St. EC2. /01-823 1988 Exempt /// 102.34	
ity of Westminster Assur. Sec. Ltd.	Lleyds Life Assurance 20, Circo: St., ECAA GCK	Scottish Wildows' Group PO Box 902, Establish EH165BU, 031- Inv.Phy.Sector 1
elephone 01-894 9854 Iret Units	Bit Gth. Apr. 6 12780 12	Inv. Ply. Series 1 37.4 17.4 -2.1 Inv. Ply. Series 2 32.0 9.9 -2.1 Inv. Cash Apr. 14 97.0 102.2 +0.1 Ex. U. Tr. Apr. 15 114.3 148.1 Ind. 14.1 114.3 148.1 14.1 14.1 14.1 14.1 14.1 14.1
emmercial Union Group. Licien's, 1, Undershaft, ECS. 01.389 7500	Opt 5 Man. Apr. 13 1404 1600	Ned Pen April 5 1943 2847 43 Selar Life Assurance Limited
neanactrantis Stat (-0.50) — 0. Amuliy Uh	London Indomnity & Gal. Ins. Co. Ltd. 18-20, The Portury, Resulting 58:351 i.	10/12 Khy Place London E.C. IN SPT. 01.3
), Chancery Lane, WCZA 1812. 01-942 0862	Money Manager	Solar Roulty S 158 5 -0.4
Equity Fund 141.3 141.5	The London & Manchester Ass. Gp.9	Solar Cash S
anaged Pen. Fd. 176.2	The Less, Policistone, East. 0303 57333 Cap. Growth Fund 2117 +10 - excempt Flex.Fd 1285 +0.1	Solar Roulty P 156.1 158.1 -0.4
arnbill Insurance Co. Ltd.	### Property First 1285 +01 -	Solar Lett. P
sp. Pob Mer. 15	Property Fund 1254 -14 -	Sun Alliance Fund Mangari. I Sun Alliance House, Horsham. 04
in Cit. Pol. Mar. 20. Dies	TE L. C. Comments	STUTE IN A STATE OF THE PARTY O
	M & G Group* Three Cases, Tower Hill ECCE 450 01-626 4505 Pers Proofing************************************	Exp Feibnt Apr. 12 2153 58 160.40 Int. So. April 11 £12.67 Sun Allismon Linkesi Life Inc.
A, Regent St. Lordon WIRSFE. 01-08-7861 AC Mayd. Fd [1229 132.8]	Three Quays, Tower Hill ECOR SEQ 01-625 4565 Pers. Pension*** 263.4 Conv. Denosit** 112.5	Sun Alliance Linked Life Inc. Sun Alliance Bouse, Borsham 04
Frown Life Assurance Co. Ltd.	Three Quiys, Tower Hill ECR 800 61-655 4866 Pers Pendion***	Sun Alliance Linked Life Ins. Sun Alliance House, Horsham 046 Equity Fund [613 107.2 -0.1 Fixed internet Fd., 1048 106.2 +0.1 Property Fund 1044 109.9 International Fd., 122.2 127.5 +1.1
Frown Life Assurance Co. Ltd.	Three Quiys, Tower Hill ECR 800 61-655 4866 Pers Pendion***	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham Equity Fund
CMond. Fo. 1223 122 123 124 125 125 125 125 125 125 125 125 125 125	Three Quiys, Tower BID ECR 800 61-625 4866 Pers Pendion*** 283,4 1.8	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham O46 Squift Fund
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Tower BID ECR 899 51-65 4998 Perz, Pension*** 273, 4 - 3.8	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham O46 Squift Fund
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Tower BID RICE 800 01-656 4866 Perz, Pension*** 220.4	Sun Alliance Linker Life Ins. Sun Alliance House, Horsham Equity Fund. [Bill 1972] - 4. Freedinkrust G. 1982 1982 1982 Property Fund. 1984 1989 Property Fund. 1984 1989 Property Fund. 1984 1989 Property Fund. 1984 1989 Remanded Fund. 1982 1977, 4-83 Sun Life of Canada (U.E.) Lid. 2.3.4 Cockeput St. SW1Y 58H Raple Lf. Grib. 1987 Raple Lf. Mango. 1928 Sun Life Assurance Co. Lid. Target Life Assurance Co. Lid.
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Tower BID RICE 800 01-656 4866 Perz, Pension*** 220.4	Sun Alliance Linker Life Ins. Sun Alliance House, Horsham Guiti Fund [Bill 1972] - 04 Equiti Fund [Bill 1972] - 1972 Friedinterus Fd. 1982 1982 1982 Froperty Fund 1984 1989 1982 International Fil. 1982 1989 1989 1982 Benguel Fund 1982 1979 45 Sun Life of Canada (U.K.) Lid 2, 2, 4 Cockspur Si., SW1Y 5BH 014 Raple Li Grth 1982 1982 1982 Raple Li Mango 1928 1928 1928 Raple Li Mango 1928 1928 1928 Fraul Fr. Fd. 1987 1988
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Tower BID ECOR 189 51-65 4896 Perz, Penzion*** 2014 - 1.8 -	Sun Alliance Linked Life Ins. Sun Alliance Heuse, Horsham Official Plant Rill 107.2 Equity Fund Rill 107.2 Friedlinerus Fd. 108.2 108.2 Property Fund 108.4 108.9 Property Fund 108.4 108.9 Property Fund 108.2 107.3 Deposit Fund 108.2 107.9 Bennaged Fund 122.5 107.9 Emmaged Fund 122.5 107.9 Sun Life of Canada (U.E.) Lid 2.3.4 Cockapur St. SWIY 5BH 014 Rispie Li Greth 188.7 Maple Li Mangol 122.8 Maple Li Mangol 123.8 Man Fund Inc. 195.3 115.8 Man Fund Inc. 195.5 115.8 Man Fund Inc. 195.5 115.1 Man Fund Inc. 105.5 111.1
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Iower HID RIDE BID 61.485 4896 Perz. Pension*** 223.4	Sun Alliance Linked Life Ins. Sun Alliance Heuse, Horsham Official Plant Rill 107.2 Equity Fund Rill 107.2 Friedlinerus Fd. 108.2 108.2 Property Fund 108.4 108.9 Property Fund 108.4 108.9 Property Fund 108.2 107.3 Deposit Fund 108.2 107.9 Bennaged Fund 122.5 107.9 Emmaged Fund 122.5 107.9 Sun Life of Canada (U.E.) Lid 2.3.4 Cockapur St. SWIY 5BH 014 Rispie Li Greth 188.7 Maple Li Mangol 122.8 Maple Li Mangol 123.8 Man Fund Inc. 195.3 115.8 Man Fund Inc. 195.5 115.8 Man Fund Inc. 195.5 115.1 Man Fund Inc. 105.5 111.1
Prown Life Assurance, Co. Tid. v rown Life Lassurance, Co. Tid. v rown Life Life, Woking GUEL LXW 048825037 langed Paul Acc. 1935 94.4 - 1.3 4.4 langed Paul Acc. 1936 190.8 - 1.4 langed Paul Life Life Life Life Life Life Life Life	Three Quays, Tower BID ECR SEQ 51.455 4986 Perr. Pension*** 271.7 134.2	Sun Alliance Linked Life Ins. Sun Alliance Heuse, Horsham Official Plant Rill 107.2 Equity Fund Rill 107.2 Friedlinerus Fd. 108.2 108.2 Property Fund 108.4 108.9 Property Fund 108.4 108.9 Property Fund 108.2 107.3 Deposit Fund 108.2 107.9 Bennaged Fund 122.5 107.9 Emmaged Fund 122.5 107.9 Sun Life of Canada (U.E.) Lid 2.3.4 Cockapur St. SWIY 5BH 014 Rispie Li Greth 188.7 Maple Li Mangol 122.8 Maple Li Mangol 123.8 Man Fund Inc. 195.3 115.8 Man Fund Inc. 195.5 115.8 Man Fund Inc. 195.5 115.1 Man Fund Inc. 105.5 111.1
POWN Life Assurance Co. Edd. vrown Lib Hee. Woking GUEI LVW 04882 5033 fang of Fund Acc. 35.5 94.4 -1.3 5.40 fang of Fund Acc. 35.6 94.4 -1.3 5.40	Three Quays, Tower BID ECR SEQ 51.455 4986 Perr. Pension*** 271.7 134.2	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham Equity Fund. [Bill 1972] -6. Fisculinterus Fd. [1682] 106.2 40. Property Fund. [1884] 106.2 40. Property Fund. [1884] 106.2 40. Property Fund. [1884] 106.2 40. Property Fund. [1882] 106.2 40. Begunt Fund. [1882] 107.0 40. Sun Life of Canada (U.E.) Lid. 2. 3. 4. Cockeput S. SWIY5BH 01.4 Exple Life Grid. [1881] 107.0 40. Exple Life Mange. [1882] 107.0 40. Exple Life Mange. [1882] 107.0 40. Exple Life Mange. [1882] 107.0 40. Exple Life Assurance Co. Life Ins. [1882] 107.0 40. Exple Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. Life Ins. [1882] 107.0 40. Exples Life Assurance Co. [1883] 107.0 40. Exples Life Assurance
Pown Life Assurance Co. Tad. vrown Life Hee. Woking GUEI LVW 04825 5032 fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.6 190.5 94.4 -1.3 LAO fang of Front Fr	Three Quays, Tower BID ECR SEQ 51.455 4986 Perr. Pension*** 271.7 134.2	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham Equity Fund. [Bill 1972] -6. Friedinterus Fd. [1682] 108.2 40. Property Fund. [1884] 108.2 40. Property Fund. [1882] 108.2 40. Property Fund. [1882] 108.2 10
Pown Life Assurance Co. Tad. vrown Life Hee. Woking GUEI LVW 04825 5032 fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.5 94.4 -1.3 LAO fang of Front Acc. 25.6 190.5 94.4 -1.3 LAO fang of Front Fr	Three Quays, Iower Bill RCR BO 1.65 496	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham Equity Fund. [Bill 1972] -6. Friedinterus Fd. [1682] 108.2 40. Property Fund. [1884] 108.2 40. Property Fund. [1882] 108.2 40. Property Fund. [1882] 108.2 10
Prown Life Assurance Co. Tad. vrewn Life Hee. Woking GUEI LYW 04882 5037 lang of Fund Acc. 33.5 42.4 -1.3 43.4 lang of Fund Acc. 33.5 42.4 -1.3 43.4 lang of Ful late. 35.5 42.4 lang of Ful late. 35.6 100.5 lang of Full late. 35.6 lang of Full late. 35.	Three Quays, Tower BID ECR SEQ 51.455 4986 Perr. Pension*** 271.7 134.2	Sun Alliance Linketi Life Ins. Sun Alliance House, Horsham Equity Fund. [2018.] Freedinterwal Fd. [2018.] Sun Life of Canada (U.E.) Lidd Sun Life of Canada (U.E.) Lidd Lidd [2018.] Lidd [2

tembro Life Assurance Limited vid Park Lane London, W1 93-980031 and lat. Dep 1242 1388 1387 1388 1387 1388 1387 1388 1387 1388 1387 1388 1388	Phoenix Assurance Co. Lid.	Recovery Sits.
red lat Dep [24.2 136.5	4-5. King William St., EC4P4HR. 01-6269676	Recovery Sits.
	Wealth Ass. 107 b 1127 1	Cynractis Earn Expt. Smlr. Co
bperty 159.9 168.4 — maged Cap 159.3 139.3 — maged Acc 163.4 172.1 —	Eb7. Ph. Ass. 72.6	Anderson T
Graph	Prop. Equity & Life Ass. Co.V	158 Fenchurch
n.F.i.Den.Can 1267 133.6	119, Crawford Street, Will 2AS, 01-486 0657 R. Silk Prop. Bd 1756	Anderson U.T.
T. F. L.	R. Silk Prop. Bd. 1756 Do. Equity Bd. 698 Do. F2. May. Bd Pd 1511	Ansbacher 1 Noble St. EC
n. Prop. Acc. 2561 2514	Property Growth Assur. Co. Ltd.	Inc. Mouthly F
n. Man. Acc. 254.5 272.1	Leon House Crowdoo Coo st.17 . At.480 hone	Arbuthnot
n. Gill Edg. Act. 1285 1353	Property Fund A. 1778 Property Fund A. 1756 Agricultural Fund. 7564	37, Queen St. L
2. B.S. Act. 138.4 145.8 — — — — — — — — — — — — — — — — — — —	Agricultural Fund. 736.4	Estra Income High Inc. Pund (Accum. Unit (B) Wirwi
2 DAF. ARC. 1814	Agric Fund Al. 7310 Abbey Nat. Fund 1513 Abbey Nat. Pol. (A) 1515	(8) Warwi
earts of Oak Benefit Society	Incorporati Pd / A. 45 9	LACOUTO Titrito
-17, Taristock Place, WC1H 9SM 01-387 588 parts of Oak 36.2 36.2	EQUITE FURN 1 1602 1-041	Commodity Pu
ill Samuel Life Assur. 12d.	Equity Fund (A) 159 6 -0.4 - 100 158 3 +0.2 - 100 157.6 +0.2 -	Capital Fund. Commodity Fu (Accum, Units (19% Weirwl.U
A Twr., Addiscombe Rd., Crov 61-666 435	Giltoridad Fund	Giants Fund
roperty Units	Gill-Edged Pd. (A). 1213 Offsettre Annuity 1772	Growth Fund
maged Series A. 71.3 94.2 -13 -	Ammier VIII (2-11) 1363 1	Growth Fund. (Accum. Units: Smaller Co's F Eastern & Intl. 16% W'drwl. Ut
THE STATE OF THE PARTY OF THE P	Prop. Growth Pengons & Anguitles Ltd. All Wither Ac. Uta 129.9 136.8	Eastern & Intl.
mery Curius 117.2 118.3 118.5		Poreign Fd N. Amer, & Int.
mey Series A 96.5 101.6	Pension Fd. Uts. 1288	Archway U
a Gal Cap 1047 1155	COUN. Peris. Pd. 2004 Cov. Pan. Cep. Di 1815 Man. Penis. Pd. 1832 Man. Penis. Pd. 1832	317, High Holb
	Prop. Pens. Fd. 1338	Archway Fund Prices at Apr
perial House, Guildford. 71.53	Prop.Pens.Cap Uts. 131.5 Bdgr. Soc. Pen. Ut. 129.8 Bdgr. Soc. Cap. Ut. 119.1	Barclays U
DB. Ft. Apr. 14 _ 625 679 - 19 -		Unicorn Ho. 25
aperial Life Ass. Co. of Canada perial House, Guildiord. TISS owly Fd. Apr. 14. 67.9 77.8 -1.5 - ms. Fd. Apr. 14 - 62.5 67.9 1.9 - Unit Linked Purtiells maged Fund 95.9 94.6 -1.8 - sed int. Fd. 95.1 1861 pure Cap. Fd. 95.3 180.3 multy Fund 95.4 180.4	Provincial Life Assurance Co. Ltd. 222, Bishopsgate, E.C.2. 01-3476533	Unicorn Amer Do. Aust. Acc., Do. Aust. Inc., Do. Exempt To Do. Exempt To Do. Frinancial.
mared Fund 93.9 91.8 1.8 med lat. Fel. 95.1 100.1 — rure Cap. Fel. 95.3 100.3 — uity Fund 95.4 100.4 —	Prov. Managed Fd. 2125 1185	De. Capital.
ish Life Assurance Co. Ltd.	Prov. Managed Fd. 1125 1185 — Prov. Cash Fd. 1041 1094 — Glb Fund 20 1142 129.4 — 2.8 —	Do. Extra lines
Finsbury Soutre, EC2. 01-628-8253	Prudential Pensions Limiteds	Do. 500
oe Chip Apr. 7 68.9 72.5 490 mase of Fund	Holborn Bara, ECIN 2NH. 01-405 9222	Do. Growth An
op. Mod. Gtb. 1871 1965	Equit. Fd. Mar. 15. (22.94 23.67	Do. Pri. A'ts.
ing & Sharson Ltd.		Do. Recovery_
Cornbill, ECS. 61-525-525	Reliance Mutual Tunbridge Wells, Kent. 0882 22271	Do. General Do. Growth Ac Do. Income Ts 'Do. Pri. A'na. Prices at Mar Do. Recover Do. Trustee in Do. Widwide Red in Follow
nd Fd. Exempt. 108.91 IIS.75	Bet. Prop. Bds 195.6 —	Both In Fd.Inc.
NE DOC BO	Rothschild Asset Management	Baring Bro
ragham Life Assurance Ca. Lid. ogbum Rs. Robubrock Dr. NW4. M-2035211	St. Swithing Lane, London, ECA. 01-628 4356	88, Leadenball
ngham A Pian_164.2 67.9		Stratton Tst De, Accum Nex
SP No. 92 752 751	Royal Insurance Group	Neo
gal & General (Unit Assur.) Ltd.	New Hall Place, Liverpool. 65: 2774622 Royal Shield Fd[132.1 139.8] —	Bishopegaie
agreed House, Engineed, Tedworth,	Save & Prosper Group*	9. Bishopsgate, B'gatePr. "Apr. Acc. Uts. "Apr.
egal & General (Unit Assur.) Ltd. aggreed House, Elagreed, Tedworth, rep 2120 62U, 52 150 3	4, Gt.St.Belen's, Luda., ECSP 3EP, 01-554 8820	Breats Int. Auc
MAY 101011 Day	Consessor Date Con to Text to	(Aptum.) Apr. 4 Next aub.
zed Initial [115.6 221.2] +0.11 -	Gilt Frt. 112.9 124.5 111 125.5 126.5 127.2 128.5 128.	Bridge Fun
maged Initial	Comp.Pens.Fd. 198.9 2889	King William S
operty initial Sil	Comp.Pens.Fd. 28.8 28.5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Bridge Inc.
gal & General (Unit Pegalens) List.	Depos Pens Fd. 1 97.1 1923	Bridge Cap. In Bridge Cap. Ac Bridge Extend
empt Cash Init. 1945 1996	(Weekly dealings.	Bridge Intl. Inc Bridge Intl. Ac
AMM EDTY PRIL 1107.7 11.54	Schroder Life Group?	Bridge Amer (
Accum 1085 1143	Enterprise House, Portamorth. 0705 27733	Sales when
Accum 1954 1112	Equity 2 Apr. 11 208.0 218.0	Britannia T
Access 5.9 1610	Exed int Apr. 11 1301 1455	S London Wall London EC2M
	Int. UT Apr. 11 1252 1317	A85852
gai & General Prop. Fd. Mgrs. Ltd Queen Victoria St., EON 677 - 81-348-978	K&S Sc Apr. 11 124 1 1315	Commodity
GPro.Fd. Abr. 1993 2017	Mngd Fig. Apr. 11 1273 1341 — Mngd 3Apr. 11 1481 1474	Tiomestic
	Money Apr. 11 1065 1120 —	
		Kutra Income
fo Assur, Co. of Pennsylvania ;	Deposit Apr. 11 1127 1187	Exempt Entra Income For East Financial Secs
fo Assur: Co. of Pennsylvania. 52 New Bond St. W17 (RQ. 01-435-556 COP Units	Deposit Apr. 11 2127 118.7 227 Property Apr. 12 251 1 1572 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Entra Income For East Pinancial Secs Gold & General
CE New Bond St., WITCHO. 01-655-556 COP Units	Deposit Apr. 11 1251 1372 1373 1775 1775 1775 1775 1775 1775 1775	Financial Secs Gold & General Growth
C: New Bond St. W170RQ. 01-635366 COP Units	Property Apr. 11 151 1572	For East Financial Seca Gold & General Growth Inc. & Growth Lat'l Growth Invest. Tel. Shar
E. New Bond St., WIT ORQ. 01-4884886 COP Units	Scottish Widows' Group	Fir East Financial Sees Gold & Geogra- Growth Inc. & Growth Int'l Growth Invest. Tot. Shar Minerals Not High You
ENEW Bond St. WITORQ. 01-695365 COP Units. DWT 1957	Scottish Widows' Group PO Box 202, Ettaborgh EH16 5BU. 031-555 5000	yar East Pintmeial Sees Gold & General Growth Inc. & Growth Int'l Growth Int'l Growth Invest Tet Shar Minerals Not. High Inc. New Issue North America
ENEW Bond St. WITORQ. 01-695365 COP Units. DWT 1957	Scottish Widows' Group PO Box 903, EMahturgh EE185 BU. 031-855 5000 Inc Pt/S Series L 37.4 - 27.4 - 27.4	For East Financial Sec. Gold & General Growth Int. & Growth Int. & Growth Int. I Growth Invest Tri. Shor Minerals Not. High Inc. North America Property Shari Property Shari
ENEW Bond St. WITORQ. 01-695365 COP Units. DWT 1957	Scottish Widows' Group PO Box 903, EMahturgh EE185 BU. 031-855 5000 Inc Pt/S Series L 37.4 - 27.4 - 27.4	Far East Financial Seta Gold & Geosera Growth Inc. & Growth Inc. & Growth Invest Tot Shor Mineral Mine
ENEW Bond St. WITORQ. 01-695365 COP Units. DWT 1957	Scottish Widows' Group PO Box 200, Banburgh EH16 SBU, 021-655 8000 Inv.Pty.Series 2 57.4 77.4 2.9	yar East Yinmeial Seta Gold & Geogra Growth Inc. & Growth Inc. & Growth Inc. & Growth Increase Inf' Growth Increase Inf' Growth Invest Tet Shar Mineralis Not. High Inc. North America Property Shari Shield Status Change Univ Energy Univ Energy
E. New Bond St., W170RQ. 01-6888886 COP Units. 1897 18	Scottish Widows Group PO Ros 202, Bendonyk EE18 5EU, 021-858 6000 lav Ply Series 2 72 74 72 74 75 10 10 10 10 10 10 10 10 10 10 10 10 10	Far East Financial Sec. Gold & Geograp Inc. & Growth Inc. & Growth Inc. & Growth Invest. Tet. Sher Minterals Nat. High Inc. North America Professional Property Share Status Change Univ Energy The British
E. Mew Bond St., WITTERQ. 01-estables COP Units. 1987	Scottish Widows Group PO Box 202, Benchurgh EH:6 5EU, 021-855 6000 lav. Ply. Series 2	Far Rast Financial Sets Gold & General Growth Inc. & Growth Inc. & Growth Invest Thi Sha Mar High Inc North America North America North America Steled States Change Univ Ecery The British Religner Has
E. Marw Bond St., W17 (RG). 01-4826365 COP Units. [1897] 1897] 1897] 1997 Syds Bk. Unit Tet. Mingra-Ltd. Lombard St. EC2. 71-22 1982 Syds Life Assurance Clifton St. EC2A ACK. COL. Apr. 6 1 12768 LS Prop. Apr. 13 1141 1294 LS Prop. Apr. 13 1141 1294 LS Prop. Apr. 13 124 144 145 LS Prop. Apr. 13 124 144 145 LS Prop. Apr. 13 124 144 145 LS Dept. Apr. 13 124 144 145 LS Dept. Apr. 13 124 145 145 145 145 145 145 145 145 145 14	Scottish Widows' Group PO Rea 202, Belabergh EH:6 5EU, 021-855 6000 Inv. Ply. Series 1	Far Rast Financial Sets Gold & General Growth Inc. & Growth Inc. & Growth Invest Thi Sha Mar High Inc North America North America North America Steled States Change Univ Ecery The British Religner Has
E. Mew Band St., WIT ORG. 01-686565 COP Units. 1987 1	Scottish Widows' Group PO Rea 202, Belabergh EH:6 5EU, 021-855 6000 Inv. Ply. Series 1	Far East Financial Sec. Gold & Geograp Inc. & Growth Inc. & Growth Inc. & Growth Invest. Tet. Sher Minterals Nat. High Inc. North America Professional Property Share Status Change Univ Energy The British
E. Maw Bond St., WIT ORG. COP Units	Scottish Widows' Group PO Rea 202, Belabergh EH:6 5EU, 021-855 6000 Inv. Ply. Series 1	Far East Financial Sec. Gold & Geograph Inc. & Growth Incest. Tel. Shar Minteral: Not High Inc. North America Professional Property Share Stield The British Reliance Het. El. British Life El. Belanced El. Dividead Prices April Brown Ship Brown Ship Brown Ship
E. Marw Bond St., W170RQ. O'L-SERSES COP Units. 1987 1987 1987	Scottish Widows' Group PO Rea 202, Belabergh EH:6 5EU, 021-855 6000 Inv. Ply. Series 1	Far East Financial Sec. Gold & Geograp Growth. Inc. & Growth. Incept. Tet. Shar Minterals. Nat. High Inc. North America North America Froperty Share Stield. Property Share Stield. Froperty Share Bullette Stield. Froperty
E. Marw Bond St., W170RQ. O'L-SERSES COP Units. 1987 1987 1987	Scottlish Widows' Group PO Box 902, Edinbergh EH16 SEU, 021-855 6000 Inv. Py. Series 1 97.4 97.4 2-9 - Inv. Py. Series 2 92.0 14.9 2-9 - Inv. Py. Series 2 92.0 14.9 2-9 - Inv. Cash Apr. 14 97.0 10.2 2-9 1 Inv. Cash Apr. 14 97.0 10.2 2-9 1 Inv. Cash Apr. 15 10.3 148.1 1 Inv. Cash Apr. 15 10.3 148.1 1 Inv. Cash Apr. 11 2.3 15 15 1 1 Inv. Cash Apr. 11 2 12.5 15 1 1 Inv. Cash Scott Managed 5 172.5 158.1 -0.1 1 Inv. Cash Scott Fig. 1 15.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Far East Financial Sec. Gold & General Inc. & Growth Inc. & Growth Inc. & Growth Incest Tet Shar Minerals Nat. High Inc. North America Professional Property Share Stains Change. Univ Except The British Beliance Hes H. British Life El Belanced Prices April Brown Ship Mingan Founde Brown Ship Mingan Founde Brown Ship Mingan Founde Brown Ship Mingan Founde Brown Ship Oo (Acc.) Apr. Do (Acc.) Apr. Occasio Treate
E. Marw Bond St., W170RQ. O'L-SERSES COP Units. 1987 1987 1987	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 6000 Inv. Pty. Series 1 27.4	Far East Financial Secs Gold & Geograp Growth Inc. & Growt
E. Marw Band St., WIT ORG. COP Units. [1897] 1897 1897] 1897 1897] 1897 1897] 1897 1897] 1897 1897] 1897 1897] 1897] 1897 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 1897] 1897] 1897 1897] 18	Scottish Widows' Group PO Ren 202, Bilabergh EH36 5EU, 021-855 6000 Inv. Fly. Series 1	Far East Financial Secs Gold & Geograp Growth Inc. & Growt
E. Marw Band St., W170RQ. 01-488486 COP Units. [1877 1877 1877] COP Units. [1877 1877 1877] Syds Bk. Unit Tet. Mingra-Ltd. 1288 1872 1882 1882 1882 1882 1882 1882	Scottish Widows' Group PO Ren 202, Bilabergh EH36 5EU, 021-855 6000 Inv. Fly. Series 1	Far East Financial Secs Gold & Geograp Growth Inc. & Growt
E. Marw Bond St., WIT ORG. COP Units	Scottish Widows' Group PO Bon 202, Binburgh EH:65EU, 021-8556000 Inv. Ply. Series 2	Far East Financial Sec Gold & Geograp Growth Inc. & Growth
E. Marw Bond St., WIT ORG. COP Units. 1987 1987	Scottish Widows' Group PO Ren 202, Belabergh EH:6 5EU, 021-855 6000 Inv. Fly. Series 1	For East Financial Sees Gold & General Growth Inc. & Growt
E. Marw Bond St., W17 (RG.) COP Units	Scottish Widows' Group PO Bon 202, Belinburgh EH:65 BU, 021-855 6000 Inv. Ply. Series 1	Far East Financial Sec Gold & Geograp Growth Inc. & Growth
E. Marw Bond St., W17 (RG.) COP Units. 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1988 19	Scottish Widows' Group PO Box 202, Binburgh EH:65EU, 021-8558000 Inv. Pty. Series 1	Far East Financial Sees Gold & General Growth Inc. & Growt
### Band St. W170RQ. 01-estable COP Units. 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1988	Scottish Widows Group FO Box 202, Binburgh EH16 5EU, 021-855 6000 Inv. Pty. Series 1	Far East Financial Sets Gold & General Growth Inc. & Growt
E. Marw Bond St., W17 (RG.) COP Units	Scottish Widows' Group PO Box 202, Binburgh EH:65EU, 021-8558000 Inv. Pty. Series 1	Far East Financial Sets Gold & General Growth Inc. & Growt
E. Marw Bond St., W17 (RG.) COP Units	Scottish Widows' Group PO Ren 202, Belinbergh EHS 5EU, 021-855 6000 Inv. Fly. Series 1	For East Financial Sets Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., W170 RQ. COP Units. 1987 1987 Lordon St. Unit Twi. Mingray Ltd. Lombard St. EC3. 1922 1923 Supil. Life Assurance 7.94 Stylis Life Assurance 1223 124 Ciffico St. SCIA 4187 Ciffi	Scottish Widows Group PO Box 202, Binburgh EH:65 BU, 021-855 8000 Inv. Pty. Series 1 27.4 Inv. Pty. Series 2 27.6 Inv. Pty. Series 2 27.6 Inv. Pty. Series 2 27.0 Inv. Pty. Inv. Series 2 27.0 Inv. Pty. Inv. S. 110.5 Inv. Alliance Fund Mangent, Lid. Inv. Pty. Inv. S. 110.5 Inv. Alliance House, Horstam Inv. Pty. Inv. S. 110.5 Inv. Inv. Inv. Inv. Inv. Inv. Inv. Inv.	Par East Prinsneial Sees Gold & Geogra- Growth. Inc. & Growth. Inc
E. Marw Bond St., WIT ORG. COP Units. 1987 1987	Scottish Widows' Group PO Ren 202, Belinburgh EH8 5 BU, 021-855 8000 Inv. Ply. Series 1	Far East Francial Sees Gold & General Inc. & Growth Inc. &
E. Mar Bond St., W170 P.Q. COP Units. [1997] Light St. Unit Twi. Magra-Ltd. Lombard St., EC2. style Assurance Cliffon St. EC2. 402 Liffon St. EC2. 402 Cliffon St. EC2. 402 Liffon St. EC2. 402 Cliffon Indemnity & Gal. Ims. Co. Ltd. 20, The Forbury, Reading S3351 Bay Manager 126. 402 Reading Indemnity & Gal. Ims. Co. Ltd. 20, The Forbury, Reading S3351 Bay Manager 126. 402 Bay Cliffon St. EC2. 402 Cliffon S	Scottish Widows' Group Po Ben 202, Beinburgh EH:65 BU, 021-855 8000 Inv. Ply. Series 1 27.4 17.4 2.2 9 Inv. Ply. Series 2 27.4 17.4 2.2 9 Inv. Ply. Series 2 27.5 17.4 17.5 2.2 9 Inv. Ply. Series 2 27.5 17.4 17.5 2.2 9 Inv. Cash Apr. 14 17.5 17.5 17.5 17.5 17.5 17.5 17.5 1	For East Financial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Mar Bond St., W170 P.Q. COP Units. [1997] Light St. Unit Twi. Magra-Ltd. Lombard St., EC2. style Assurance Cliffon St. EC2. 402 Liffon St. EC2. 402 Cliffon St. EC2. 402 Liffon St. EC2. 402 Cliffon Indemnity & Gal. Ims. Co. Ltd. 20, The Forbury, Reading S3351 Bay Manager 126. 402 Reading Indemnity & Gal. Ims. Co. Ltd. 20, The Forbury, Reading S3351 Bay Manager 126. 402 Bay Cliffon St. EC2. 402 Cliffon S	Scottish Widows' Group PO Box 202, Binburgh EB16 5EU, 021-855 6000 Inv. Pty. Series 1	For East Financial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., W170 RQ. COP Units. [1997] 1997 1997 1997 1998 St. Unit Twi. Magra-Ltd. Lombard St., EC2. 2012 1023 103-21 1992 2024 203-21 102-32 102-32 1992 204-21 102-32 102-32 1992 204-22 102-32 102-32 1992 204-22 102-32 102-32 1992 204-22 102-32 102-32 1992 204-22 102-32 102-32 1992 205-22 102-32 102-32 1992 205-22 102-32 1992 205-22 102-32 1992 205-22 102-32 1992 205-22 102-32 1992 205-2	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	Par East Prinsneial Sees Gold & Geogra- Growth. Inc. & Growth. Inc
E. Marw Bond St., W170 RQ. COP Units. 1987 1987 1987 Lombard St., DC3. 1987 1987 1988 Lombard St., DC3. 1982 198	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	For East Francial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., W170 RQ. COP Units	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	Far East Francial Sees Gold & General Inc. & Growth Inc. &
E. Marw Bond St., W170 RQ. COP Units	Scottish Widows Group	For East Francial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., W170 RQ. COP Units. 1987 1987 COP Units. 1987 1987 Lombard St. EC3. 1982 1923 Supit. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1984 1984 Lombard Indemnity & Gall. Ins. Co. Lid. 10. The Protony, Reading SSSS1. London & Manchester Ass. Gp. Wall Flexible Park 1984 1985 10. Growth Flund 1984 1985 1985 10. Growth Flund 1984 1985 20. Growth Flund 1985 1985	Scottish Widows Group	For East Frinmeial Sees Gold & General Inc. & Growth Inc.
E. Marw Bond St., WIT ORG. COP Units	Scottish Widows Group	Par East Par East Pinameial Sees Gold & General Gold & General Inc. & Growth Inc. & Gr
E. Marw Bond St., WIT ORG. COP Units. 1987 1987 Lombard St. EC3. 1987 Lombard St. EC3. 1982 1923 Supris. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1983 Lombard St. EC3. 1984 Lombard Lombard St. EC3.	Scientish Widows' Group PO Box 202, Beinburgh EH16 5EU, 021-855 6000 Inv. Pty. Series 1	For East Frinmeial Sees Gold & General Inc. & Growth Inc.
E. Marw Bond St., WIT ORG. COP Units. 1987 1987 Lombard St. EC3. 1987 Lombard St. EC3. 1982 1923 Supris. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1983 Lombard St. EC3. 1984 Lombard Lombard St. EC3.	Sciettish Widows' Group PO Bon 202, Beinburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1 37.4 Inv. Pty. Series 2 37.4 Inv. Pty. Series 2 37.5 Inv. Pty. Series 2 37.6 Inv. Alliance Fund Mangent, Lid. 37.6 Inv. Alliance Fund Mangent, Lid. 37.6 Inv. Alliance House, Horshan 0403 6141 Inv. Bo. April 11 511.6 Inv. Series 2 37.6 Inv. Pty. Series 2 37.6 Inv. Alliance Inches Life Ins. Lid. 37.6 Inv. Bo. April 11 511.6 Inv. Bo. April 11	Par East Par East Pinameial Sees Gold & General Gold & General Inc. & Growth Inc. & Gr
E. Marw Bond St., WIT ORG. COP Units. 1987 1987 Lombard St. EC3. 1987 Lombard St. EC3. 1982 1923 Supris. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1983 Lombard St. EC3. 1984 Lombard Lombard St. EC3.	Scottish Widows Group PO Bon 202, Beinburgh EH16 SPU, D21-855 8000 Inv. Pty. Series 1 37.4 Inv. Pty. Series 2 47.0 Inv. Pty. Inv. Series 2 47.0 Inv. Pty. Inv. S. D14.7 Inv. D14	Par East Par East Pinameial Sees Gold & Gensma inc. & Growth inc. High Inc. Stains Change Univ Entish Life EL Balanced EL British Life Conwith Accuse Eligh S. Po Censel Treat Constal Life Contal Life Contal Life Contal Life Contal Life Capital Lacome De Inc. Dist. Do. Loc. Lacome Do. Accuse Unit Do. Accuse Unit Do. Accuse Unit Lacome Capital Lacome
E. Marw Bond St., WIT ORG. COP Units. 1987 1987 Lombard St. EC3. 1987 Lombard St. EC3. 1982 1923 Supris. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1983 Lombard St. EC3. 1984 Lombard Lombard St. EC3.	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	Par East Par East Pinameial Sees Gold & General Gold & General Inc. & Growth Inc. & Gr
E. Marw Bond St., WIT ORG. COP Units. ILMST LORD Units. ILMST LORD Units. ILMST Lord St. E. L. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lord Assurance C. Citico. St. EC2.	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	Far East Frinmeial Sees Gold & General Inc. & Growth Inc.
E. Marw Bond St., WIT ORG. COP Units. 1987 1987 Lombard St. EC3. 1987 Lombard St. EC3. 1982 1923 Supris. 1982 1923 1924 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1982 1984 Lombard St. EC3. 1983 Lombard St. EC3. 1984 Lombard Lombard St. EC3.	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, 021-855 8000 Inv. Pty. Series 1	Far East Frinmeial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., WIT ORG. COP Units. ILMST LORD Units. ILMST LORD Units. ILMST Lord St. E. L. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lord Assurance C. Citico. St. EC2.	Scottish Widows' Group PO Box 202, Binburgh EH16 5EU, 021-855600 Inv. Pty. Series 1	Far East Frinmeial Sees Gold & General Gold & General Inc. & Growth Inc.
E. Marw Bond St., WIT ORG. COP Units. ILMST LORD Units. ILMST LORD Units. ILMST Lord St. E. L. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lord Assurance C. Citico. St. EC2.	Scottish Widows Group Fo Box 202, Beinburgh EH16 5EU, 021-555600 Inv. Pty. Series 1	Far East Frinmeial Sees Gold & General Growth. Inc. & Growth.
E. Marw Bond St., WIT ORG. COP Units. ILMST LORD Units. ILMST LORD Units. ILMST Lord St. E. L. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lombard St., EC2. Strict. Inc. Magray Ltd. Lord Assurance C. Citico. St. EC2.	Scottish Widows Group PO Box 202, Binburgh EH16 5EU, D21-855 5000 Inv. Pty. Series 1 17.4 17.4 2.9 11.7	Far East Frinmeial Sees Gold & General Gold & General Inc. & Growth Inc.

AUIHUR		LILUSIS
Abbey Unit Tst. Hgrs, Ltd. (2) (2) 7280, Gabbous Ed., Aylesbary. (2365941, Abbey Capitol	Gartmore Fund Managers (2)(8) 2. St. Mary Are, ECJASBP. 01-2838531 (1) American Tat. 252 (2) 492 (2) 493 (3) 494 (4) 494 (5) 494 (6) 494 (6) 494 (7) 494 (7) 494 (8) 494 (8) 494 (9)	Premaign.Gth [383 420] 358
Abbey for Tet Fd. 51.9 33.9 -0.3 4.53 Abbey Gen. Tst 42.1 44.8 -0.2 4.11 Allied Hambro Group (a)(g)	Commodity Share. 134.5 144.6 +1.2 3.39 (2) Far East Trust. 30.1 124.1 +0.2 0.71 High Income TS. 54.9 59.1 -0.2 9.07	Piccadilly Unit T. Mgrs. Lid. (a)(b) Wardgle Hae. See London Wall Ed. E88 0801 Eatra Income [219 920-62] 9.40 Small Co F Gi. 401 428 -0.1 9.40
Hembros Hise, Hotion, Brentwood, Essex 01-388 2851 or Brentwood (0277) 21469	Ins. Agencies 1261 13.32+005 3.84 Inii. Exempl Fd. 36.6 67.64 -0.4 6.57 (wint) The (Acc.) 28.5 30.6 167	Capital Pund 99.5 52.0 -0.3 360 Ini Erres & Assets 64.7 47.8 -0.3 3.55 Private Fund 94.5 37.2 -0.2 3.52
Rehmerd Funds Allied Ltd	Gibbs (Antony) Unit Tst. Mgs. Ltd. 23. Ricenfield St. ECENTIL 01-588 4111 (23.A.G. Incense 1984 4122 340 (24.A.G. Growth) 481 (25.4.4.6. 1984 482 (25.4.4.6. 19	Technology Pund 55.4 59.24 -17 534 For East Fd 25.3 27.2 +0.11 1.20 American Pund 23.2 24.5 +0.4 2.50
Elect & Ind. Dev. 301 522m -0.2 52m Allied Capital 650 67 km -0.1 446 Hambro Fund 96.9 103.7 -0.5 5.49 Hambro Arc. Pd. 109.6 117.9 -0.7 434	(a) A.G. Growth 1 24 22 42 42 42 42 42 42 42 42 42 42 42	Practical Invest. Co. Ltd. (y)(c) 44 Bloomshury Sq. WCIACRA 01-623 8893 Practical Apr. 12
Income Funda Righ Yield Fd. 63.5 68.1 -0.5 8.37 High Income 52.9 57.34 -0.2 6.68 A.L. Ed. Inc. 35.9 38.4 -0.2 7.16	77. London Wall, E.C.2 01-588 5620 S'hidr. Apr. 7	Accum Units 1972 2092 428 Provincial Life Inv. Co. Lid. 9 222 Bishopscate, EC2 01-2476533
International Funds International	Grieveson Management Co. Ltd. '	Prolific Units 73 7854 +0.2 354 High income 1036 1116 -21 7.83
Specialist Funds Smaller Co.'s Pd 33.7 34.0 -0.2 5.34 2nd Smir. Co's Fd 09.4 42.2d -0.2 5.33	(Acrum Units) 2133 2224 457 Brgs. HY Apr. 12 2415 1775 765 (Acrum Units) 1949 2041 765	Holburn Bars, ECIN 2NH 01-4059222 Prudential IIIA6 121.04 -0.1 4.71 Quilter Management Co. Ltd.
Recovery Sits	Grachstr. Apr. 14	The Stk. Exchange, EC2N 1HP. 01-900 4177 Quadrant Gen. Fd. 1005 105.7 d 4.46 Quadrant Income 1192 122.5 8.18
Anderson Unit Trust Managers Ltd. 158 Fenchurch St. EUSM 6AA 623 9231 Anderson U.T. 470	Guardian Royal Ex. Unit Mgrs. Ltd. Royal Exchange, ECF 3DN. 01-528-8011	Reliance Unit Mgrs. Ld. V Reliance Hse. Tumbridge Wells. Kl. 089322271 Opportunity Fd
Ansbacher Unit Mgmt. Co. Ltd. 1 Noble St., ECZV 7JA. 01-8236576.	(ag Guardhill Dat., 20.5 A.7; -0.5; A.7) Henderson Administration (a) (c) (g) W Premier UT Admin. 5 Bayleigh Road, Hutton, Brentwood, Essez. 0277-217 238	Ridgefield Management Ltd. PO Boy 419, 38-40, Kennedy St., Manchester
Inc. Monthly Fund 168 178.0 8.9 Arbuthnot Securities Ltd. (a)(c) 37, Queen St London BC4R 187 01-2365381	ILE Punds Cep, Growth Inc. 1987 42.5s -0.3 3.59 Cep, Growth Arc. 49.3 43.1d -0.2 3.59 Income & Assets. 22.5 31.5 -0.2 6.57	061 236 8521 Ridgefield Int. UT, 199.0 95.0 25 Ridgefield Income 194.8 100.0 215 Rothschild Asset Management (g)
Extra Income Fd 1973 1241 -0.6 10.78 11gh Inc. Fund 39.1 42.3 -0.3 9.69 4.6ccm. Unitst 52.7 57.8 -0.4 9.60	High Income Funds 50.0 59.9 -0.3 8.32 Cabot Extra Inc. 53.2 56.0d -0.3 9.16	man and and the man management
Professince Fund. 25.6 27.4 22.00 (Accum. Units) 38.0 40.9 12.00 (April Fund. 17.8 17.8 5.2 5.3 5.00 (Accum. Units) 77.6 77.4 6.00	Sector Funds 12.9 24.4 -0.1 4.52 611 & 18.1 18.5 26.7 26.3 +0.1 2.57 18.6 18.1 18	N.C. intl. Fd. (Acc.) 20.8 36.6 +0.1 195 N.C. Smiir Coys Fd:142.1 151.2 -0.5 4.37
(10% Wdrwl.U.) 47.1 58.8 6.00 Fin.&Prop.Pd. 15.7 18.1 3.18 Giants Fund 15.7 38.5 -0.7 3.32 (Accuse Traits) 40.3 46.6 -0.7 3.32	Cober 177.4 32.4 +0.6 2.44 (175 175 175 175 175 175 175 175 175 175	Rothschild & Lowndes Mgmt. (a) S. Swittins Lane, Lin., RC4. 01-6264356 New Cr. Exempt. \$115.0 122.5d 3.72 Price on March 15. Next dealing April 17.
Smaller Co's Fd. 25.2 23.4 4.71 Eastern & Intl. Fd. 21.7 23.44 178	Europeah 97.4 39.8 -0.4 4.80 Far East 70.2 75.1 +0.5 1.61 North American 78.7 39.2 +0.7 1.19 \$AmGra.Apr.14 112.1 116.8 +2.1 2.12	Rowan Unit Trust Mingt Ltd.
Foreign Fd. 743 853 155 N. Amer. & Int. Fd. 271 274 100 Archway Unit Tst. Mgs. Ltd. 7 (a)(c)	Hill Sammel Unit Tst. Mgrs.† (a) 45 Beech St. BEP ZLX 01-ER 8011 (b) British Trust	Rowan Hy. Apr. 13 82.5 55.2 7.57 (Accum. Units) 72.1 75.8 7.57
317, High Holborn, WC1V 7NL. 01-831 623. Archwsy Fund	(a) Dollar Trust	Royal Tst. Can. Fd. Mgrs. Ltd. 54. Jernyn Street, S.W.1. 01-829-8252
Barelays Unicorn Ltd. (a)(g)#(c) Unicorn Ho. 252 Regulard Ed. Er. 01-5345544 Unicorn America., 51.0 33.4 40.5 2.00.	(b) Security Trees. 25.6 27.8 -0.3 7.95 (b) Security Trees. 40.1 51.5 -0.2 5	Capital Pd. 1832 84.7 -0.5 191 Incum Pd. 1842 72.4 -0.3 7.76 Prices at Apr. 14 Next dealing Apr. 28 Save & Prosper Group
Do. Aust. Inc. 49.9 51.9 +1.5 1.95 Do. Aust. Inc. 49.9 51.9 +1.1 1.95 Do. Capital 62.6 65.5 -0.2 4.82 Do. Exempt Tat. 192.9 197.2 -0.5 6.30	15, Christopher Street, E.C.2. 01-247 7243 Intel. Inv. Pund	4, Great St. Helens, London ECIP MEP 68-73 Quoen St., Edinburgh EH2 40X Dealings to: 01-854 8888 or 081-226 7351
Do. Series Income 26.4 22.5d -0.9 2.85 Do. Financial 56.1 66.6 5.11 Do. 500 70.3 70.3 70.3 -0.3 5.95 Do. General 28.6 30.9d -0.1 6.55	Key Energy In F4 - 67.6 72.11 - 0.21 3.95 Key Equity & Gen. 61.9 65.8 - 0.21 5.27	Save & Prosper Securities Ltd.* International Funds Capital 32 343 402 216
Do. Growth Acc. 37.4 40.4 -0.2 439 Do. Income Tst. 76.7 82.9 -0.6 6.48 *Do. Prf. A'ns. Tst. 134.1 140.7 4.54	Rey French Int. Fd. 1913 613 1224 Key Small Co's Fd. 1958 71.2 -0.2 6.99 Kleinwort Besson Unit Managers ?	Eigh-Yield 51.7 55.54 -6.2 7.30
Prices at March 32. Near sub. day April 32. Do. Recovery 1984 15-02 521 Do. Trastec Fund 1954 12-9-08 538 Do. Widwide Trustleis 43 405 137 Fractin Foline 188 612-04 576 Do. Arcunt 188 643 457 048 5.76	20, Fenschurch St., E.C.3. R.B. Unit Fd. Inc 1713 8511 -211 512 6FB. Unit Fd. Ac 1715 106.21 -27 512 R.B. Fd. Inv. Tata 1715 5411 422	High Income Funds High Return 1017 443 -02 250 1000000 442 -4.4 6.77 1150000 11500000 11500000 11500000 115000000 1150000000000
Baring Brothers & Co. Ltd. (a)(x) 88, Leadenhall St. E.C.2. 01-588 2830	L & C Unit Trust Management Ltd.	UK Equity 40.3 40.3 507 Oversess Fundate 10.2 20.4 40.1 2.67
Stratton Tot. IIAS 70.8 149 De, Accum. Next sub. day April 28.	Lawson Sees, Ltd. V(a)(c) 63 George St. Edinburgh EH2 21G, 631-226 3911	U.S
Bishopogate Progressive Mgnd, Ca. 9 9, Bishopogate, E.C.2. B'gate-Pt. "Apr. 11 1774.B 188.3 3.55 Act. Uts." Apr. 11 288.9 227.3 3.55 B'gate lat. Apr. 4 277.5 157.5 3.75	2Rsw. Materials	Financial Secs. #8.4 73.5 +0.5 8.11 High-Minimum Funds Select Internat. 233.8 26.5ml -1.4 2.44
Next sub. day "April 18. "April 25.	#American Fd	Scotbits Securities Ltd.♥
Bridge Fund Managers (a)(c) Sing William St. ECAR SAR (01-623-651) Bridge Inc. 48.6 52.8 6.80 Bridge Cap. Inc. 122 529 6.80	Legal & General Tyndail Fundy 18, Canyage Road, Eristol. 6272 32341	Sontyleid 68.5 52.5 12.7 721 Scott E. Cht 721.4 231.8 259 Seot E. Yil 9 1831 170.8 710 Seot E. Yil 9 1831 170.8 710 Prices at April 12 Next sub. day April 27.
Bridge Cap, Acc. 131.0 3.77 3.79 Bridge Bridge Intl. Inc. 1 14.5 15.50 3.91 Bridge Intl. Acc. 125.9 17.9 3.91	Dis April 12 52 24 12 527 (Accept Unite) 52 527 Sarph Unite) 527 Sarph Unite 5	Schlesinger Trust Magra: Ltd. (a)(z) (lacorporating Trident Trusts) 140, South Street, Dotting. 0300) 88442.
Erice Apri 11/22 Dealing Thes. (Wed., Three April 11/22 Dealing Thes., (Wed., Three Britannia Trust Management(akg)	2, Duke St., Lendon WIM SIP. 01-98 5801 Leo Dist. 1723 76:11+15 120 Leo Acom. 1723 30:1+07 4.56 Lloyde Ek. Unit Tst. Mingre, Ltd. (a)	Am Exempt 143 223 143 An Growth 251 2754 45 217 Exempt High Yid 251 254 462 Exempt High Lidys 242 255 462
S London Wall Buildings, London Wall, London ECOM SQL 01-538-0-780679	Registrer's Dept., Goring-by-Sez. Worthing, West Street. 01-623 1998 Pirst (Balucci)	Extra Inc. 7s. 28.6 30.1 18.18 income Dist. 39.5 42.8 42.8 47.7 Inc. 10% Wired. 29.5 22.1 - 22 - Intal. Growth 44.0 47.3 +0.3 2.94 Inc. 7nt. Units. 22.1 24.8 -0.1 4.95 Married Leaders. 28.9 22.9 -2.1 4.95
Comm & Ind	Second (Cap.) 47.6 51.1 +0.2 3.59 Do. (Accum.) 59.2 63.6 +0.2 3.59 Third (Income) 75.8 81.44 -1.7 4.57	Wil Vield
Entra Income 37.8 40.7 +0.1 1.54 Far East 19.8 20.4 +0.1 1.54 Financial Sec. 64.5 65.0 4.3 4.75	Pourth (Exise) 57 67 67 61 611 Da (Accum) 129 674 -02 611 Lloyd's Life Unit Tet. Mingrs. Ltd.	Froperty Starts 726 254 621 252 Special Sit 76 246 256 - 0.1 241 241 241 241 241 241 241 241 241 24
Int'l Growth 53.8 66.0 -0.2 245 Int'l Growth 53.8 66.0 -0.2 245 Invest Tet Shares 40.5 40.5 -0.2 40.5	73-80, Gatehones Bd., Aylesbury. 0226 E641 Equity Accus	J. Henry Schroder Wagg & Co. Ltd. 9 120, Chespaids, E.C.1. Capital Agr. 11
Not High Inc. 72.4 77.8m -0.3 8.0 New Issue 52.4 34.8 -0.1 5.5 North American 77.7 22.8 40.5 1.90	See also Stock Estimage Dealings. American 44.6 47.5 +0.9 1.84 (Accum Units) 45.4 41.4 +0.9 1.84	Income Agr., 11. UPSS 281.8
Property Sharms 12.6 12.7m -0.1 2.51 Shield 22.6 61 -0.2 4.52 Shield 27.5 52.9 -0.2 519 Univ Energy 22.6 52.6 2.77	(Accom Units) 48.7 99.9 +0.6 2.14 Commodity 59.0 74.2 -0.1 4.48 Compound Growth 94.2 10.3 -1.2 3.56	Spect. Rr. March 11.
The British Life Office Ltd. (2) Beliance Hat., Tunbridge Wells, N. 0992 2271 Bi. British Life	Conversion Growth 53.8 57.3 +0.4 3.49 Conversion Lec. 55.6 57.2 - 1.2 9.91 Dividend 1.0 10.6 117.8 - 1.7 1.39 (Asecum, Unita) 25.1 23.4 - 1.2 8.34 (Asecum, Unita) 25.2 12.4 - 1.2 8.34 (Asecum, Unita) 25.2 12.4 - 1.2 8.34 (Asecum, Unita) 25.2 12.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Sipect Pr. March 11826.4 2233 346 Recovery Apr. 11 10780 1833 313 For the compet funds only Scottish Equitable Fnd. Mgrs. Ltd.
BL Dividend	(Accum Units) 78.2 E.34 -1.3 2.69	28 St. Andrews Sq. Edinburgh 031-538 9101 Income Units
Brown Shipley & Co. Ltd. 9 Magaz, Founders Ct., EC2 BS Units Apr. 11	Par Bastera 653 622 01 255 (Accum. Units) 67.8 72.9 -0.1 245 (Accum. Units) 67.8 72.9 -1.0 4.80 (Accum. Units) 67.8 72.9 -1.0 4.80 (Accum. Units) 67.8 72.9 -1.0 4.80 (Accum. Units) 274.6 23.4 -3.5 6.16	Sobag Unit Tst. Managers Lid. (a) PO Res 511, Rechter, Hac., E.C.A. 01-235 5000 Sobag Carpital Fd. 1502 3224 -0.4 356 Sobag Latome Fd. 1525 3234 -0.4 356 Sebag Latome Fd. 1525 3284 -0.1 827
Oceande Trusta (a) (c) Pinancial 52.2 34.24 4.35 General 17.1 18.24 4.55 Growth Accum 40.3 48.3 5.26 Growth Docume 33.4 5.36	High income 55.0 1022 -17 3.44 (Accum United 1952 1663 -25 3.44 Japan Income 1067 1951 -62 116 (Accum United 1698 1594 -62 116	Security Selection Ltd. 15-19, Lincoln's Inn Fields, WCL 01-81-8860 Unri Chi Tai Ass. 1211 214
High locares 28.2 30.7m — 9.84 17.0 — 18.7 19.8m — 3.57 Index 22.7 24.7 4.85	(Accum Units) 225.9 3(2.2 -1.3 4.05 164.6 -2.4 7.29 (Accum Units) 253.5 278.6 -3.9 7.29	Unvi Gth fist has
Performance 51,9 540 434 Recovery 20.4 214 514 Empt. April 10 61.0 43.4 450	(Actum Units) 73.7 78.5 -1.2 5.00 Second Gen 155.6 154.2 -27 5.55 (Actum Units) 231.7 251.4 -41 5.55 (Actum Units) 144.5 154.6 -2.0 4.54	Steamer American Pund Standard Units 59.3 53.1 1.52 Accorn Units 53.7 54.9
Canada Life Unit Tst. Magrs. Ltd. V 2-6 High St., Potters Rer, Herts. P. Ber 5122 Cre. Gen Dist	Specialised Funds Trustee 1919 1413 -25 545	Stewart British Capitel Fund "Standard 1256 176.1 141 Accum, Units 140.9 156.0 156.1 141
Do. Gen. Accoms 42.6 94.8 -0.3 4.72 Do. Inc. Dist. 22.5 94.20 -1.3 7.94 Do. Inc. Accoms 42.6 44.9 -0.4 7.94 Camel (James) Mingt. Lid. 9	Cheribond Apr. 11 144 1427 1	Sun Alliance Fund Magt. Ltd. Sm Alliance Hee, Horsham. 20406 6141 Frn En Tri Apr.12. 185.59 204.80 454 Ylbe Family Fd. 272 204.70 5.77
100 Old Broad St., ECRN 1BQ 01-5086010 Capital 79.3 91.4m A.63 Ilacomo 70.9 72.7m 72.7m 7.8 Prices on April 5. Next dealing April 19.	Mismulife Management Ltd. St. George's Way, Stevenage. 0428 58101 Growth Units	Target Tst. Mingrs. Ltd. (a)(g) 31. Gresham St. EC2. Dealings: 0206 3561
Carliel Unit Fd. Mgrs. Ltd.9 (a)(c)	Mayflower Management Co. Ltd. 14/15 Gresham St. ECZV 7AU. 01-608 8063 [became April 11[67.5 1911]	Target Expire Service State State Service Serv
Cartiel	Mercury Fund Managers Ltd. 30, Greshem St. EC2P 2EB. 09-6004555 Merc Gen. Apr. 12 171-9 181.8md	Terget Inti Do Reinv. Units 27.1 29.1 +0.3 2.02 Target Inv. 28.0 36.1 -0.2 3.72
Charterhouse Japhei 1, Paternoster Row, BCA 01-248 3809 C I Veternot!	Merc Int. Apr. 12 51.9 55.3 1.65 Ascen Uts. Apr. 12 54.4 70.4 145 Merc Ext. Mer 30 202 202.5 4.71 Accent Uts. Mer 30 202 202.5 47.1	Terrest Pr. Apr. 12 1323 1324 13 28 17 17 18 18 17 18 17 18 17 18 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Accord. Units	Midland Bank Group Unit Trust Managers (1d. 7 (a) Courtwood House, Silver Street, Head.	19, Athol Crescent, Edin. 3. 031-229-8621/2 Target Amer Engle 224.7 26.71+0.41 2.13
C.J. Fd. liv. Tst. 250 2h.Sed 3.74 Accoun. Units 22.2 28.2 3.78 Price April 12. Next dealing April 19. (Chieftain Trust Managers Lid. V(a)(g)	Commodity & Gen. 59.1 43.6 +6.1 5.82	Trades Union Unit Tet. Managersy 100, Wood Street, E.C 01-028 9011. TUUT April 3
30(3) Queen St., ECIR 1ER 01-248 2532 American (2071.00 22.50)+0.261 1.79	Capital 256 27.4 +0.1 3.51 Do Acenno 27.6 29.5 +0.1 3.51 Recome 53.9 52.7 -0.2 6.55 Do Acenno 53.9 52.7 -0.2 6.55	Transatiantic and Gen. Secs. Co. 9
International Tr. (2224 243 +0.2 145 Easte Resro. Tr. (231 243 +0.2 145 Condedctation Funds Mgt. Ltd. (2) 50 Chapter Lane, WC2A 1EE 01-942 052.	Tabernational 16.1 16.7 17.7	(Accom Units) 199.0 1155 563 Barb Sept Mar 20 25.8 87.5 139 Backen April 131. 77.6 79.2 428 (Accom Units) 77.0 76.6 428
Cosmopolitza Fund Managers. a Post Street, Loudon SWILEE, 01-225 8335.	Prices at Mar. 31. Next dealing April 28. Minster Fund Managers Ltd. Monster Hae, Arthur St. E.CA. 01-523 1050	Camid Apr. 12 51.5 58.5 6.69 (Accom. Units) 50.7 58.5 58.5 58.5 58.7 58.7 58.7 58.7 58
Conseponath Ft 164 17.8 5.18 Crest and Unit Tst. Mgrs. Ltd. (2)(g)	Minister Apr. 2 137 137 130 Exempt Mar. 31 157 118 130 MLA Unit Trust Migrant. 130.	Muriboro Apr. 11 473 49.5 3.02 (Acrem Units) 53.9 56.5 3.02 3.02 (Acrem Units) 56.3 48.9 3.64 (Acrem Units) 56.2 66.0 3.64
A Melvettle Cres., Edinburgh 3, 12-286 4831. Cressoart Chrysth. 255 27 31 - 22 4831. Cres. Internet 1, 257 27 51 + 407 250 Cres. Eigh. Dict. (40.5 445 - 40.1 9.27 Cres. Reserves (37.9 44.7 - 9.1 4.61	Old Queen Street, SWIFERG. 01-690 7333. MIA Units	Van Hy Apr. 11 484 721 663 Vang. Tee Apr. 12(12 455st 663
Discretionary Unit Fund Managers 22 Monfield St. ECM 7AL 01-538495	15, Copthall Ave. SCER 78U. 61-006 6800 Minimal Sec. Pres. 47.3 51.1 -0.1 5.28 Minimal Rive Chip. 19.7 40.4 -0.1 5.28 Matthal Riply Yid. 53.8 64.9 40.2 8.76 Matthal High Yid. 53.8 64.9 40.2 8.76	Wick Div. Apr. 14845 47.7 - 1.7 1.5 Do. Account. 1713 74.7 - 1.8 1.15 Tyndell Managers Lid. 9
E. F. Winchester Fund Magt. Ltd. Old Jews, RC2 Old Jews, RC2	National and Commercial 31, St. Andrew Square, Edinburgh 031-355 9151 Income Apr. 5. 1948 1522 409 (Accum, Units) 1991 272 549	18. Campage Boad, Bristol. 0272 22341 Income April 12 1924 1834 7.54 (Accum. Units) 175.6 1844 7.54 (Aprilal Apr. 12 1122 1242m 272 (Accum. Units) 1858 1254 232
Great Winchester. 173 125 666 Gt. Winth'er Creatallis 194 500 Kasson & Dudley Tst. Magant. Ltd.	(Accum Units) 1998 2872 644 Capt Apr. 5 1992 1944 330 (Accum Units) 1962 1914 331 National Provident Inv. Magrs. Ltd.	Recompt March 29 106.8 112.2 7.67 (Accomm Units) 148.0 155.6 7.67 (Accomm Units) 94.2 78.6 15.63 (Accomm Units) 116.8 122.8 5.63
20, Arimston St., S.W.I. Envoy Dudley Tat. 44,7	48, Grasschurch St., ECSP SEE 01-622 4200 N.P.I. Geh. Un. Tat. 44.7 47.4	Inf Earn Apr. 122234 20.0 527 (Account Units) 255.4 268.2 527 Scot. Cap. Apr. 12 111.0 137.5 529 (Account Units) 153.0 169.5 529
41 Bishopegate, ECT 61-588 2851 Progressive [51.9 65.3] +0.1] 4.36	"Prices on March 30. Next dealing April 27. "Prices on April 5. Next dealing April 18.	Sect. Inc. Apr. 12 154.0 161.8 8.91 Landon Wall Group 74.4 79.5 -0.6 6.35 51.3 -0.7 6.36 51.3 -0.7 6.36
Equity & Law Un. Tr. M.V (a)(b)(c) American Rd. High Wyoumbe. 0694 23377 Equity & Law	National Westminster (a) 161, Chespaide, ECN 6EU. 01-06-600. Capital (Accum). 163 643 -0.3 648 -0.5 761 Financial 13.7 32.2 533 Growth 18* 86.5 32.2 533 Income 33.5 34.8 -0.5 650 Portfolio Inv. Fd. 45.0 655 -0.3 54.9 Universal Fd.(d). 54.3 58.4 +0.5 237	Extra Inc. Growth 347 373m -0.2 18.56 Do. Accuma 39.9 42.8 -0.3 10.56
Framlington Unit Mgt. Ltd. (a) 5-7, breisnd Yard, ECHE 5DH. 01-348-071 Captes Tot. 1068 113-44 428	Minercial 13.7 3.2 5.33 Growth lov. 19.5 19.2 +1.3 5.21 Income. 13.5 19.64 -0.2 6.90	High Inc. Priority 581 624 -02 837 Tribernational 29.0 311 +05 319
Income Tat. 96.0 104.2 6.22	Portiolio Inv. Pd. 450 495 -03 551	man as to the color and
Thistory makes here	NEL Trust Managers Late (a)(g) Milton Court Dorking Sparrey. 5511	TSB Unit Trusts (y) 21, Chantry Way, Andover, Hants. 0254 62188 Dealings to 0254 63433.
Friends' Providt. Unit Tr. Mgrs. 9 Friends' Providt. Unit Tr. Mgrs. 9 Friends Prov. Un. 1919 424 -0.1 4.52 Do. Accum	NEL Trust Managers Lat. (4)(g) Milton Court, Dorking, Surrey. Melstar Maistar High Inc. 47.5 47.44 -0.11 5.45 Ear. New Court, Publ. Managers Lat.	TSB Unit Trusts (y) 21, Channy Way, Andover, Hants. 0254 62188 Dealings to 0254 63433.3 (b) TSB General 24 4431 +0.1 3.89 (b) TSB Income 57.2 51.1 +0.1 3.89 (b) TSB Income 57.2 52.2 -0.1 7.27 (TSB Scottish 77.4 72.4 2.2)
Friends' Provit. Unit Tr. Mgrs. 9 Fisham End, Dorking. 6308 5035 Priends Prov. UK 1993 424 -0.11 432	MEL Trust Managers Lat. (2)(g) Milton Court, Dorking Sparey. 5811 Nelser 1140 100 678 6544 601 886	TSB Unit Trusts (y) 21, Chantry Way, Andowr, Hants. 0284 62183 (b) TSB General 41,4 42,1 +0.1 3.89 (b) TSB Income. 52,4 56,1 +0.1 3.89 (b) TSB Income. 52,5 61,8 -0.1 7.9 (c) Da. Accum. 52,4 42,2 -0.1 7.27 TSB Scottish. 78,4 42,2 -0.1 7.27 TSB Scottish. 78,5 79,4 +0.1 2.95 Ulster Bank (a)

45 Beech St. BC2P2LX	01-628 8011	Rowan Hy. Apr. 13, 52.5 (Accum. Units)	55.2
(b) British Trust 1413 (g) Lat 1 Trust 1915	15.의 -0의 5.93 보기 +0의 2.90	(Arcum Units)	元 二
(g) Int I Trust	76 11 +1 41 1 99	(Accum Units)j68.3	93.0
(c) Deliar Trust 711 (b) Capital Trust 273 (b) Financial Trust 34.8	907-1 -0.5 4.96	Royal Tst. Can. Fd. 1 54. Jernyn Street, S.W.L.	Ol-82
(b) Security Trust 42.1 (b) Security Trust 42.1 (b) High Yield Tst. 27.5	33-33 72	Capital Pd	%1-84 -84
(b) High Yield Tat. 27.8	29.8 -0.2 8.41	Prices at Apr. 14. Next	
Intel (a)(g)	01-247 7243	Save & Prosper Grou	P
18, Christopher Street, E.C.2 Lotel Inc. Pund \$2.7	39.54 0.54 7.00	4. Great St. Helens, Lond	on ECSP MEP
Key Fund Managers	Lid. (a)(g)	58-73 Queen St., Edinburg Dealings to: 01-554 8889 o	031-226 7351
25, Milk St., ECEV SJE. Key Roserty In.Fd., 187.6	01-8067070 72.110.21 3.95	Bute or visables mater	rities Ltd.
Key Boergy In Fd. 67.5 Key Eggity & Gen. 61.9 6 Key Exempt Fd. 136.3 Key Exempt Fd. 136.3	72.1 -0.2 3.95 15.8 -0.2 5.27 244.9 -0.6 6.65	International Funds	35 15 48 21
	88.4 -05 857	Capital 33 8 1770 52 1 Univ. Growth 63.4	273 - 77
Key Fixed Int. Fd. 573 Key Small Co's Fd. 85.8	112 -02 69	Increasing Income Fund	COLLEGE - COL
Ricigwort Benson Un		Elgh-Yield	55.5ml ~8.20
20, Fenchurch St., E.C.S.	01-823-8000 8571 - 271 - 578	High Income Funds Righ Return 61.7	. 43~02
R. B. Unit Fd. Inc 78.3 OK B. Unit Fd. Ac 77.5 E. B. Fd. Inv. Tata _ 49.5	166.2 -27 518 541 422		神神
L& C Unit Trust Man		U.K. Punds UK Equity	43.3(~0.2)
The Steel Echange, BC2N			
LAC Inc Fd 1320 LAC Intl & Gen Fd. 70.5	·왕H 7달	Japan 45.9	知識
THE REAL PROPERTY AND A 1-16	u(e)	Sector Funds	MALE HEIST
63 George St., Edinburgh Et	12 21G, 031-226 391;	Commodity66.1	갔인 1일시
Rew Materials 34.1	## -14 7±	Financial Secs. 62.4	是計量符
TOTAL PROPERTY		High-Minimum Funda Seiert Internst j231,0	745 Peri _ 7 Al
(Accum. Units) 61.2 riGilt and Warrant 35.5 tAmerican Fd. 20.7 (Accum Units) 21.5	25 18	Select Internal 231 0 Select Income 50.3	행결-14
Acres Units) 215	233 150	Scotbits Securities L	td.W
High Yield 48.9 Accum Units) 46.2 Deal #Mon. Tues. 11We	720 -04 1840 720 -04 1840	Scothits 34.5	캠漬성결
Legal & General Tyn	d. Thurs. "Fri.	SCORBUSTES	56.8 -0.3
18, Canyage Road, Bristol,	(272,3594)	Scot Ex Ciby 2794	元
Dis. April 12	74 : 33	Prices at April 12. Next	
Next sub. day	May 10.	Schlesinger Trust M. (Incorporating Trident Tr	
Lesaine Administrati	on Ltd.	140 South Street Bothing	(305)
2, Dake St., London WIN &!	?. 01-496 6991 74-11 + 1-51 5-20	Am Exempt 193 Ast Growth 25 1 Exempt High Tid 51 Exempt High Lides 242 Extra line Tig. 28,9 Income Dist. 39,3	#####################################
Leo Dist. 72.3 Leo Accum 76.1	到胡精	Exempt Righ Tid 125.1 Exempt Mid. Ldrs. 124.2	23:一
Lloyds Ek, Unit Tat. M. Registrer's Dept., Goring-h	e-ges mikis: regr≜ (#)	Entra Inc. Tot	33
Registrar's Dept., Goring-b Worthing, West Street.	01-623 1586	100, 10% WOLTH (27.5	51- <u>73</u>
First (Rained 1	경찰과 경	Intal Growth 94.0	24 -11
Second (Cap.)	51 +63 13	Nurtot Leaters 24.9 Nil Vield 26.3 Pref. & Gilt Trus. 24.9	227 -0.1
Third (Income)(75.5	1873 第		27 -01
Pourth (Exise) 55.7		Special Sit Tra. 24.6	200 -01
Do. (Accum.)	674 -02 611	THE COLL THE DES	150
Lloyd's Life Unit Tet. 72-80, Gatchouse Ed., Aylesi		About mile ma	
Equity Access 144.9	1525 415	J. Henry Schroder W 120, Cheapade, E.C.3.	OF SE TON T
M & G. Group? (y)(c)(Capital Air. 11	
Three Quays, Tower Hill, MC See also Stock Excha	12 (24) (1625 (58 5	Income Att. II	道
A70001000	75 +09 10	(Accum. Units) 255.5 General Apr. 12 77.8	****
Andreississ 45.6	10 103 23	(Accum. Units) 95.9	-725
(Accum Units) 44.9 Commodity 64.1 (Accum Units) 59.0	23 153 A2	(Access Units) 33.1 Spect. Rr. Mr.	
Compound Growth, 1942	23-13-32		
Conversion Growth 53.5 Conversion Inc. 55.5	23+14 32	SSpect. Fr. March 11226.4 Recovery Apr. 11 178.8	電道 二
	. 17명-1기 1명	for ing enembe	tunds only
(Accum Units) 2851 European 23	49-14 12	Scottish Equitable F	
Estra Vield 78.2		18 St. Andrews Sq., Edinbu Income Units	50.000
Par Rastern 463	1114-14 19	Ageum, Units SA.A Dealing day We	57.956
(Accum Linits)	왕 일 3	Sebag Unit Tst. Man	
Penti of Inv. Tets	729 -10 436		
(Vecamir Culture)	201 0 20 436	PO Box 511, Bekibry, Hac.,	
General		Sebag Capital Fd 180.5 Sebag Income Fd 28.5	32 34
(Accum Units) 2346 High Income 36.0 (Accum Units) 258.2	1669 -29 616 2534 -3.9 616 1022 -17 8.44 1663 -28 8.44	Sebag Capital Pd. 1903 Sebag Income Fd. 1955 Security Selection L.	경험-업
(Accum, Duits) 294.6 High Income 96.0 (Accum, Units) 158.2	161 -25 13	Sebag Capital Fd 30.2 Sebag Income Fd 128.5 Security Selection L. 15-19, Lipcohn's Inn Fields,	MCS 07-881 14 월 14 - 12
General (Accum. Units) 2345 Eligh Income 36.0 (Accum. Units) 25.2 (Accum. Units) 15.2 (Accum. Units) 152.0 (Accum. Units) 152.0	1663 -28 894 1991 +0.2 110	Sebag Capital Pd. 1903 Sebag Income Fd. 1955 Security Selection L.	경험-업
General 1537 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1556	161 -25 13	Sebag Capital Fd 1902 Sebag Income Fd 29.5 Security Selection L. 15-19, Lincoln's Ion Fields, Unvi Gh Tel Ass 29.1 Unvi Gh Tel Ass 29.3 Stewart Unit Tat. Ma	324 -04 ld. WC2 01-881 224
General 1537 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1546 1556	161 -25 13	Sebag Capital Fd 1902 Sebag Income Fd 285 Security Selection Li 15-19, Lincoln's Ion Fields, Unvi Gth Tat Ass 283 Unvi Gth Tat Ins 283 Stewart Unit Tat. Ma 46, Charlotto Sq., Edinburg	324 -04 ld. WC2 01-881 224
General (1537 (Accum. Units) 224.6 Eigh Income 56.0 (Accum. Units) 158.2 Japan Income 188.7 (Accum. Units) 189.8 Haganum 182.9 (Accum. Units) 225.9 Hidiand 253.6 (Accum. Units) 253.6 (Accum. Units) 73.7 Second Gen. 155.6	161 -25 13	Sebag Capital Fd 1902 Sebag Income Fd 29.5 Security Selection L. 15-19, Lincoln's Ion Fields, Unvi Gh Tat Inc 29.1 Unvi Gh Tat Inc 29.3 Stewart Unit Tat. MJ 45, Checiotic Sq. Edinburg Stewart American Fund Standard Units 29.3	324 -04 ld. WC2 01-881 224
General (1534) (Accum Duits) 2245 Eigh Income 5.0 (Accum Duits) 38.2 Japan Income 188.2 Japan Income 188.2 (Accum Units) 188.2 (Accum Units) 188.2 (Accum Units) 25.5 (Accum Units) 25.4 (Accum Units) 25.4 (Accum Units) 27.4	1443 - 28 8 94 1991 + 02 1 14 1997 - 13 4 55 2428 - 13 4 55 1448 - 24 7 25 2768 - 24 7 25 2768 - 12 5 56 1412 - 27 5 55 1512 - 41 5 55 1516 - 42 6 45	Sebag Capital Fd 1902 Sebag Income Fd 29.5 Security Selection L. 15-19, Lincoln's Ion Fields, Unvi Gh Tat Inc 29.1 Unvi Gh Tat Inc 29.3 Stewart Unit Tat. MJ 45, Checiotic Sq. Edinburg Stewart American Fund Standard Units 29.3	324 -04 ld. WC2 01-881 224
General (1994) (Accum Duits) 224.6 Eigh Income 5.0 Eigh Income 5.0 Eigh Income 7.0 Eigh Income	161 -25 13	Sebag Capital Fd (30.2 Sebag Capital Fd (30.5 Security Selection L. 15-15, Lincoln's Inn Fields, Unril Gh Tat Acc (23.1 Unril Gh Tat Inc (23.3 Stewart Unit Tat 84.5 Stewart Unit Tat (23.5 Security Securit	324 -04 ld. WC2 01-881 224
General (1934) (Accum Units) 224.6 Eigh Income 56.0 (Accum Units) 138.2 Japan Income 148.7 (Accum Units) 138.2 High Income 148.7 (Accum Units) 156.4 (Accum Units) 156.8 (Accum Units) 157.8 Eacond Gen 125.9 (Accum Units) 127.7 Second Gen 127.7 Second Ge	144 - 25 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Sebag Capital Fd 1902 Sebag Income Fd 29.5 Security Selection L. 15-19, Lincoln's Ion Fields, Unwi Gh Tet Inc 29.1 Unwi Gh Tet Inc 29.3 Stewart Unit Tat. M. 45, Checlothe Sq. Zelinburg Stewart American Pusi Standard Units 59.1 Accom. Units	324 -04 ld. WC2 01-881 224
General (134) (Accum Units) 2246 Eigh Income 56.0 (Accum Units) 158.2 Japan Income 148.7 (Accum Units) 159.0 Magnus 182.0 (Accum Units) 224.9 Midland 156.4 (Accum Units) 23.5 Rectivery 182.0 (Accum Units) 157.7	1443 - 28 8 94 1991 + 02 1 14 1997 - 13 4 55 2428 - 13 4 55 1448 - 24 7 25 2768 - 24 7 25 2768 - 12 5 56 1412 - 27 5 55 1512 - 41 5 55 1516 - 42 6 45	Sebag Capital Fd (2015 Sebag Capital Fd (2015 Security Selection L. 15-19, Lincoln's Inn Fields, Unvi Gh Tat Acc (23.1 Unvi Gh Tat Inc (23.1 Stewart Landerten Pund Standard Units (23.1 Villatrawal Units (23.1	324 -04 62 -03 62 -03 63 -03 64 -03 64 -03 64 -03 64 -03 65 -0
General (134) (Accum Dulits) 224.6 Eigh Income 5.0 Eigh Income 5.0 (Accum Units) 35.2 Japan Insome 182.9 (Accum Units) 184.9 Magnum (Accum Units) 225.9 Middland 225.9 Middland 185.4 (Accum Units) 23.5 Recovery 73.6 (Accum Units) 73.7 Second Gen 185.9 (Accum Units) 134.9 Special (Accum Units) 134.9 Cacum Units) 134.9	144 - 25 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Sebag Capital Fd. 1902 Sebag Income Fd. 2925 Security Selection L. 15-19, Lincoln's Inn Fields, Unri Gh Tel Asc. 2921 Unri Gh Tel Asc. 2925 Stewart Unit Tat. Ma 45, Caxclotte Sg. Edinburg Stewart American Puni Standard Units 297, 1 Account Units 297, 1 Separt British Capital Fr Standard 297, 1 Separt British Capital Fd. 1 Separt Br	224 -04 24 -01 24 -01 25 -01 26 -0
General (134) (Accum Units) 224.6 Eigh Income 5.0 (Accum Units) 154.2 Japan Income 16.0 (Accum Units) 154.2 Japan Income 16.0 (Accum Units) 154.4 (Accum Units) 157.7 Second Gen 155.4 (Accum Units) 157.7 Special (Accum Units) 151.9 Special (Accum Units) 151.9 Cheribond April 11 (Accum Units) 152.5 Cheribond April 11 (Accum Units) 170.9 (Accum Units) 170.9 Cheribond April 11 (Accum Units) 170.9 Cheribond April 11 (Accum Units) 170.9 Cheribond April 11 (Accum Units) 170.9 Cheribond Units) 170.9 Cheribond April 11 (Accum Units) 170.9 Cheribond April 11 (Accum Units) 170.9	144 - 142 - 143 - 144 -	Sebag Capital Fd. 1902 Sebag Income Fd. 2925 Security Selection L. 15-19, Lincoln's Inn Fields, Unri Gh Tel Asc. 2921 Unri Gh Tel Asc. 2925 Stewart Unit Tat. Ma 45, Caxclotte Sg. Edinburg Stewart American Puni Standard Units 297, 1 Account Units 297, 1 Separt British Capital Fr Standard 297, 1 Separt British Capital Fd. 1 Separt Br	324 -04 784 -03 24 -04 344 -03 344 -03 345 -03 345 -03 347 -03 347 -03 348
General (1994) (Accum Units) 2246 Eigh Income 56.0 (Accum Units) 1542 Japan Income 196.7 (Accum Units) 1564 (Accum Units) 1564 (Accum Units) 157.7 Second Gen 1554 (Accum Units) 177.7 Second Gen 1554 (Accum Units) 178.7 Special 144.6 (Accum Units) 178.7 Special	1643 - 28 8 49 1991 + 1	Sebag Capital Fd. 1802 Sebag Income Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields, Unvi Gh Tel Asc. 1215 Stewart Unit Tat. Ma 45, Canciota Sg. Edinburg Stewart American Fusi Standard Units 593 Accum Units 63,9 Withdrawal Units 63,9 Securit Eritish Capital 64,0 Stream Units 122,5 Accum Units 122,5 Accum Units 123,5 Sun Alliance Fund 18 Sun Alliance Hee, Bornhall Enn Do Tat Am 12, 112,5 Target Tst. Mingra. I	224 -0.4 24 -0.4 24 -0.4 24 -0.4 25 -0.4 25 -0.4 25 -0.4 25 -0.4 25 -0.4 25 -0.4 26 -0.4 27 -0.4 28
General (1994) (Accum Unita) 224.6 Eigh Income 5.0 (Accum Unita) 188.2 Japan Income 198.0 (Accum Unita) 189.0 Magnum (Accum Unita) 189.0 Magnum (Miss) 189.3 Magnum (M	1643 - 28 8 49 1991 + 1	Sebag Capital Fd. 1802 Sebag Lincome Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields, Unri Gh Thi Ann. 1813 Shewart Unit Tat. 1823 Shewart Unit Tat. 1823 Shewart Unit Tat. 1823 Shewart Unit Tat. 1823 Shewart American Puni Shewart Tat. 1819 Shewart British Capital Fr Standard 1825 Shewart British Capital Fr Standard 1825 Sun Alliance Fund 1829 Target Tat. Mingra I	224 -04 04 04 04 04 04 04 04
General (1994) (Accum, Daits) 224.6 Eigh Income 76.0 (Accum, Units) 38.2 (Accum, Units) 38.2 (Accum, Units) 38.4 (Accum, Units) 23.5 (Accum, Units) 23.5 (Accum, Units) 23.5 (Accum, Units) 37.7 (Accum, Units) 38.4 (Accum, Units) 38.5 (Accum, Units	1443 - 28 849 1991 + 02 110 1991 + 02 110 1994 + 02 110 1994 - 02 110 1994 - 02 110 1994 - 02 110 1994 - 02 110 1994 - 02 12 1994 - 02	Sebag Capital Fd. 1902 Sebag Lincome Fd. 2025 Security Selection L. 15-19, Lincoln's Inn Fields, Unril Gh Pat Acc. 223 Stewart Unit Tat. 84, Stewart Unit Tat. 84, Stewart Unit Tat. 84, Stewart Unit Tat. 84, Stewart American Fund Standard Units	224 -0.4 7184 -0.1 24
General (1994) (Accum Daits) 224.6 Eigh Income 5.0 (Accum Units) 188.2 Japan Insome 198.0 (Accum Units) 199.0 Magnum (Accum Units) 199.0 Magnum (Miss) 199.0 Magnum (M	144 - 28 4 4 1991 + 62 199	Sebag Capital Fd. 1902 Secarity Selection L. 15-19, Lincoln's Im Fields, Unri Get Tet Acc. 23.1 Unri Get Tet Acc. 23.3 Stewart Unit Tet. 84, 45, Checkete Sq. Edinburg Stewart American Punit Standard Units 82.9 Withdrawal Units 82.9 Sepan Alliance Funit 12.124.8 Withdrawal France Funit 82.7 Target Tet. Magra. 1 Target Commodity. 31 F Target Commodity. 31 F Target Funncial 57.2	224 -04 04 04 04 04 04 04 04
General (Jacum Dalita) 234.6 Eigh Income 5.0 Eigh Income 6.0 Eigh Incom	1443 - 28	Sebag Capital Fd. 1902 Secarity Selection L. 15-19, Lincoln's Im Fields, Unri Get Tet Acc. 23.1 Unri Get Tet Acc. 23.3 Stewart Unit Tet. 84, 45, Checkete Sq. Edinburg Stewart American Punit Standard Units 82.9 Withdrawal Units 82.9 Sepan Alliance Funit 12.124.8 Withdrawal France Funit 82.7 Target Tet. Magra. 1 Target Commodity. 31 F Target Commodity. 31 F Target Funncial 57.2	224 -04 04 04 04 04 04 04 04
General (1994) (Accum Daits) 224.6 Eigh Income 5.0 (Accum Daits) 224.6 Eigh Income 5.0 (Accum Units) 189.2 Highan Insome 198.3 (Accum Units) 199.2 Hidhand 195.4 (Accum Units) 199.3 Escovery 73.6 (Accum Units) 197.5 Escond Gen 195.7 (Accum Units) 197.5 Escond Gen 195.7 (Accum Units) 197.7 Escond Gen 195.7 Escond	144 - 25	Sebag Capital Fd. 1802 Sebag Income Fd. 285 Security Selection L. 15-19, Lincoln's Inn Fields. Unvi Ght Tet Ass. 221 Linvi Ght Tet Ass. 221 Linvi Ght Tet Ass. 221 Stewart Unit Tat. Mi. 45, Carcictic Sq. Edinburg Sewart American Fund Standard Units. 45,9 Withdrawal Units. 46,9 Withdrawal Units. 47,2 Withdrawal Units. 48,2 Withdrawal Units. 48,3 Withdrawal Units. 48,	224 -0.4 7844 -0.3 124 -0.4 124 -
General (1994)	1443 - 28	Sebag Capital Fd 1902. Sebag Lacome Fd 1903. Security Selection L. 15-19, Lincoln's Inn Fields. Unvi Ght Tet Ass 121. Lioni Ght Tet Ass 122. Stewart Unit Tat. May 48, Carcistic Sq. Etimburg Stewart American Fusi Standard Units 63.9 Withdrawal Units 63.9 Withdrawal Units 63.9 Withdrawal Units 64.9 Stewart Eritish Capital 6. Stewart Eritish Capital 16.3 Sam Alliance Fund 18. Sam Alliance Fund 18. Sam Alliance Hose. Bornship Fd 67.2 Target Tat. Mingrs. I 21, Gresham St. EC2. Target Commodity. (SL F Target Commodity. (SL F Target Commodity. (SL F Target Gummodity. (SL F Target Gummodity	224 -04 04 04 04 04 04 04 04
General (1994) (Accum Daits) 224.6 Eigh Income 5.0 (Accum Daits) 254.6 Eigh Income 5.0 (Accum Units) 189.2 Magnum (Accum Units) 189.2 Middland 189.2 Magnum Units) 189.3 Magnum Units) 189.4 Magnum Units) 189.4 Magnum Units) 189.7 Magnum	1643 - 28	Sebag Capital Fd. 1802 Sebag Income Fd. 1805 Security Selection L. 18-19, Lincoln's Inn Fields, Unvi Gh Tet Asc. 1213 Stewart Unit Tat. Mil 48, Checistic Sq. Edinburg Securit American Fund Standard Units. 59-1 Account Units. 63-9 Withdrawal Units. 63-9 Tacome Units. 1825 Target Farming Fd. 87-2 Target Tst. Mingre. 18-18-18-18-18-18-18-18-18-18-18-18-18-1	224 -04 04 04 04 04 04 04 04
General (1944) (Accum Units) 224.6 Eigh Income 5.0 (Accum Units) 35.2 Japan Insome 182.0 (Accum Units) 182.3 Highan Insome 182.0 (Accum Units) 182.6 (Accum Units) 183.7 (Accum Units) 183	1643 - 28	Sebag Capital Fd. 1802 Sebag Income Fd. 1805 Security Selection L. 18-19, Lincoln's Inn Fields, Unvi Ght Tet Ass. 1823 Stewart Unit Tat. Mil. 48, Carcictic Sq. Edinburg Sewart Unit Tat. Mil. 48, Carcictic Sq. Edinburg Sewart American Fund Standard Units. 1893 Withdrawal Units. 1894 Withdrawal Units. 1894 Withdrawal Units. 1895 Secum. Units. 1839 Withdrawal Units. 1839 Withdrawal Units. 1839 Withdrawal Units. 1839 Tacom. Units. 1839 Sem Alliance Fund Sem Alliance Fund Sem Alliance Fund Sem Alliance Fund Target Tat. Mingre. 1872 Target Commodity. St. 187 Target Commodity. St. 187 Target Gonmodity. St. 187 Target Gonwood 1153 Target Growth 2843 Target Int. 1830 Target Int. 1831 Target Int. 1832 Target Int. 1833 Target Int. 1833 Target Inc. 1833 Target Inc. 1833	224 -04 04 04 04 04 04 04 04
General (1944) (Accum Dulity) 224.6 Eigh Income 56.0 (Accum Dulity) 35.0 Eigh Income 56.0 (Accum Unity) 35.2 Japan Insome 1949. Magnum (Accum Units) 1954. (Accum Units) 1954. (Accum Units) 1955. (Accum Units) 1955. (Accum Units) 1957. (Accum Units) 1957. (Accum Units) 1958. (Accum Units) 1958. (Accum Units) 1959. (Accum Units) 1979. (Accum Unit	1643 - 28	Sebag Capital Fd. 1902 Sebag Capital Fd. 1905 Security Selection L. 18-19, Lincoln's Ion Fields, Unri Geb Tat Acc. 28-3 Stewart Unit Tat. 84, 45, Charlotte Sq. Edinburg Stewart American Fund Standard Units	224 -04 04 04 04 04 04 04 04
General (Jacum Daits) 234.6 General (Jacum Daits) 234.6 High Income 5.0 General (Jings) 254.5 High Income 156.0 General (Jings) 156.2 Highan Insome 156.0 General (Jings) 156.3 Highan (Jings) 156.4 Highan (Jings) 156.5 Hectory (Jings) 156.6 Highan (Jings) 157.6	1441 - 28 4 119 119 119 119 119 119 119 119 119 1	Sebag Capital Fd. 1802 Sebag Capital Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields. Unvi Gh Tat Acc. 2813 Stewart Unit Tat. Ma. 45, Carclotte Sq. Zdinburg Stewart American Pund Standard Units. 2819 Withdrawal Units. 2819 Withdrawal Units. 2819 Stewart British Capital Fr Standard Units. 2819 Stewart British Capital Fd. 2819 Stewart British Capital Fd. 2819 Stewart British Capital Fd. 2819 Target Trat. Mingrs. 1819 Target Grantin 2819 Target Grawth 2819 Target Grawth 2819 Target Grawth 2819 Target Fr. Apr. 12 1803 Target Fr. Apr. 12 1803 Target Trat. Migrs. 173 Coyne Growth Fd. 174 Target Trat. Migrs. 173 Coyne Growth Fd. 174 Target Trat. Migrs. 2619 19. Athol Crescent, Edin 3	224 -04 04 04 04 04 04 04 04
General (1994) Genera	144.7 - 28.4 1.19.1	Sebag Capital Fd. 1802 Sebag Capital Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields, Unri Gh Tat Acc. 2813 Stewart Unit Tat. Ma. 45, Carclotte Sq. Edinburg Stewart American Pund Standard Units. 2819 Willdrawal Units. 2819 Willdrawal Units. 2819 Willdrawal Units. 2819 Willdrawal Units. 2819 Stewart British Capital F. Standard Units. 2819 Stewart British Capital F. Targat Frish Capital Fd. 2819 Targat Tat. Mingrs. 1819 Targat Grawth 2819 Targat Grawth 2819 Targat Grawth 2819 Targat Frish 2819 Targat Tat. Migrs. 1819 Targat Tat. Migrs. 1819 Targat Tat. Migrs. 1819 Targat Tat. Migrs. 1819 St. Accent Crescent Edin 3 Targat Accest Engle 2817 Targat Tat. Migrs. 1819 St. Accent Crescent Edin 3 Targat Accest Engle 2817 Targat Tart. Migrs. 1819 St. Accent Crescent Edin 3 Targat Accest Engle 2817 Targat Tart. Migrs. 1819 St. Accent Crescent Edin 3 Targat Accest Engle 2817 Targat Tart. Targat Edin 3 Targat Accest Engle 2817 Targat Tart. Mission 374	224 -0.4 784 -0.1 246 -0.1 246 -0.1 246 -0.1 247 -0.2 247 -0
General (1994) Genera	144 - 25 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sebag Capital Fd. 1902 Sebag Canome Fd. 2015 Security Selection L. 15-15, Lincoln's Ion Fields, Unri Gth Tat Ann. 23.1 Unri Gth Tat Ann. 23.5 Stewart Unit Tat. 84. 45, Charlotte Sq. Edinburg Stewart American Fund Standard Units 83.9 Wilberswal Units 83.9 Tested Tat. Magra. 1 Target Framily Fd. 87.2 Target Commodity 51.5 Target Commodity 51.7 Target Capity 263.5 Do. Reinw Units 263.5 Do. Reinw Units 27.2 Target Cowth Fd. 17.4 Target Test. Mgrs. (3.1 Target Fr. Apr. 12. 1543 Turget Fr. Apr. 12. 1543 Turget Fr. Apr. 12. 1543 Turget Test. Mgrs. (3.1 Target Test. M	224 -0.4 (144 -0.1 (144 -0
General (1994) Genera	144 - 28 4 1991 + 42 1991	Sebag Capital Fd. 1915 Sebag Lanome Fd. 2015 Security Selection L. 15-15, Lincoln's Inn Fields, Unri Get Tat Ann. 28-3 Stewart Unit Tat. 84, 45, Charlotte Sq. Edinburg Security American Fund Standard Units. 25-3 Stewart American Fund Standard Units. 25-9 Wilbdrawal Units. 25-9 Wilbdrawal Units. 25-9 Wilbdrawal Units. 25-9 Stewart British Capital Fr Standard Units. 25-9 Stewart British Capital Fr Standard Units. 25-9 Stewart British Capital Fr Standard Units. 25-9 Wilbdrawal Units. 25-9 Wilbdrawal Units. 25-9 Wilbdrawal Units. 25-9 Target Capital Family Fd. 27-2 Target Tat. Magrs. 1 Target Framily Fd. 26-3 Target Capital 25-3 Target Fr. Apr. 12. 15-13 Target Fr. Apr. 12. 15-13 Target Tat. Mgrs. (5-13 Target Tat. Mgrs. (5-	224 -0.4 (144 -0.1 (144 -0
General (1994) Genera	1643 - 28 24 1991 + 62 24 4 1991 + 62 24 4 1991 + 62 24 1991 + 62 24 1991 + 62 24 24 24 24 24 24 24 24 24 24 24 24 24	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Canome Fd. 2805 Security Selection L. 18-19, Lincoln's Inn Fields, Unril Gh Pat Acc. 2813 Shewart Unit Tat. 84, 45, Charlotte Sq. Edinburg Sewart American Fund Standard Units 82,9 Withdrawal Units 82,9 Shewart Eritish Capital Fr Standard 122,5 Accum. Units 82,9 Sun Alliance Hee, Horshan Exp Do Tat Apr. 12, 124,9 Withe Family Fd 87,2 Target Tat. Magrs. 1 31, Greaten St. EC. Target Commodify 12, 124,5 Target Equity 23,3 Target Equity 243,5 Target Growth Fd. 17,4 Target Tat. Magrs. 1 32, Target Country 243,5 Target Growth 25,3 Target Equity 243,5 Target Equity 25,3 Target Equity 25,3 Target Equity 26,3 Target Country 26,3 Target Country 26,3 Target Country 26,3 Target Tat. Magrs. (8,4) Target Tat. Magrs. (8,1)	224 -0.4 (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
General (1994) Genera	144 - 28 4 19 19 19 19 19 19 19 19 19 19 19 19 19	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Capital Fd. 1805 Security Selection L. 18-19, Lincoln's Inn Fields, Unril Gh Pat Acc. 1833 Shewart Unit Tat. 184 45, Charlotte Sq. Edinburg Securit American Fund Standard Units 839 Withdrawal Units 839 Withdrawal Units 839 Withdrawal Units 839 Shewart Eritish Capital Fr Standard 1839 Securit Ritish Capital Fr Standard 1839 Sun Alliance Fund 1839 Sun Alliance Fund 1839 Vine Family Fd 872 Target Tst. Magrs. 183 Locate Acc. 183 Locate Capital 833 Target Eritish Capital 873 Target Gravita 833 Target Eritish 833 Target Gravita 833 Target Eritish 833 Target Ritish 843 Target Grawth Fd 174 Target Tst. Mgrs. (813 Target Tst. Mg	224 -04 04 04 04 04 04 04 04
General (1994) General (1994)	1443 - 248 -	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Capital Fd. 1805 Security Selection L. 18-19, Lincoln's Inn Fields, Unril Gh Pat Acc. 1833 Shewart Unit Tat. 184 45, Charlotte Sq. Edinburg Securit American Fund Standard Units 839 Withdrawal Units 839 Withdrawal Units 839 Withdrawal Units 839 Shewart Eritish Capital Fr Standard 1839 Securit Ritish Capital Fr Standard 1839 Sun Alliance Fund 1839 Sun Alliance Fund 1839 Vine Family Fd 872 Target Tst. Magrs. 183 Locate Acc. 183 Locate Capital 833 Target Eritish Capital 873 Target Gravita 833 Target Eritish 833 Target Gravita 833 Target Eritish 833 Target Ritish 843 Target Grawth Fd 174 Target Tst. Mgrs. (813 Target Tst. Mg	224 -04 04 04 04 04 04 04 04
General (Jacum Daits) 24A (Accum Units) 35.0 (Accum Units) 36.0 (Accum Units) 37.0 (Accum	144 - 28 - 28 - 28 - 28 - 28 - 28 - 28 -	Sebag Capital Fd. 1902 Sebag Income Fd. 2015 Security Selection L. 15-15, Lincoln's Inn Fields, Unri Get Tet Acc. 23.1 Stewart Unit Tet. 84, 45, Charlette Sq. Edinburg Sewart American Fund Standard Units 20.2 Villedrawal Units 43.9 Villedrawal Units 57.2 Target Tet. Magrs. 1 Villedrawal Units 57.2 Target Commodity 51.5 Target Commodity 5	224 -0.4 124 1
General (1944) General (1946) Genera	144 - 128 - 149 159.1 + 128 15	Sebag Capital Fd. 1902 Sebag Income Fd. 2015 Security Selection L. 15-15, Lincoln's Inn Fields, Unri Get Tet Acc. 23.1 Unri Get Tet Acc. 23.5 Stewart Unit Tet. 84, 45, Checkete Sq. Edinburg Sewart American Fund Standard Units 29.1 Accum. Units 29.2 Accum. Units 43.9 Withdrawal Units 43.9 Sem Alliance Hac. 10254 Sem Alliance Hac. 10254 Sem Alliance Fund Sem St. EC2. Target Commodity Sil Target Getwin Sem Sem St. EC2. Target Getwin Sem Units 23.5 Target Getwin Sem Units 23.5 Target Getwin Sem Units 23.5 Target Grawth 52.5 Target Grawth 52.5 Target Grawth 52.5 Target Tet. Migrs. (S. 19, Athol Crescent, Edin 3. Target Acc. Units 27.4 Extra Income Fu. 37.6 Trades Units Unit 7.4 Extra Income Fu. 37.6 Trades Units Unit 7.4 Extra Income Fu. 37.6 Trades Units Unit 7.4 Target Thitsle 27.4 Extra Income Fu. 37.6 Trades Units Unit 7.4 Extra Income Fu. 37.6 Trades Units Unit 7.4 Extra Income Fu. 37.6 Extra Income Fu. 37.	224 -04 14 14 14 14 14 14 14
General (1994) Genera	144 - 124 - 136 -	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Capital Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields Unvi Gh Tat Acc. 2813 Stewart Unit Tat. Bat. 45, Charlotte Sq. Edinburg Stewart American Pund Standard Units. 2813 Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard 1815 Sun Alliance Hee. Economic Exp Ep. Tat. Apr. 18, 1825 Vibe Family Fd. 272 Target Tat. Mingrs. 18 31. Greaham St. EC2. Target Commodify. 513 Target Capity. 2813 Target Tat. Migrs. 1813 Target Capity. 2813 Target Tat. Migrs. 1813 Capital Capital Standard 1813 Target Capity. 2813 Target Tat. Migrs. 2813 Capital Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Capital 1813 Target Capital 181 Target Capital 1813	224 -04 04 04 04 04 04 04 04
General (Jacum Daits) 24A (Jacum Daits) 25A (Jac	144 - 142 141 159.1 + 142 141 159.1 + 142 141 159.1 + 142 141 159.1 + 142 141 159.1 + 142 141 159.1 + 142 141 159.1 + 142 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 142 159.1 - 143 143	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Capital Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields Unvi Gh Tat Acc. 2813 Stewart Unit Tat. Bat. 45, Charlotte Sq. Edinburg Stewart American Pund Standard Units. 2813 Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard 1815 Sun Alliance Hee. Economic Exp Ep. Tat. Apr. 18, 1825 Vibe Family Fd. 272 Target Tat. Mingrs. 18 31. Greaham St. EC2. Target Commodify. 513 Target Capity. 2813 Target Tat. Migrs. 1813 Target Capity. 2813 Target Tat. Migrs. 1813 Capital Capital Standard 1813 Target Capity. 2813 Target Tat. Migrs. 2813 Capital Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Capital 1813 Target Capital 181 Target Capital 1813	224 -04 14 14 14 14 14 14 14
General (Jacum Daits)	144 - 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 141 1591 + 142 1591 1591 1591 1591 1591 1591 1591 159	Sebag Capital Fd. 1802 Sebag Capital Fd. 1803 Sebag Capital Fd. 1805 Security Selection L. 15-19, Lincoln's Inn Fields Unvi Gh Tat Acc. 2813 Stewart Unit Tat. Bat. 45, Charlotte Sq. Edinburg Stewart American Pund Standard Units. 2813 Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard Units. 2819 Stewart Eritish Capital Fr. Standard 1815 Sun Alliance Hee. Economic Exp Ep. Tat. Apr. 18, 1825 Vibe Family Fd. 272 Target Tat. Mingrs. 18 31. Greaham St. EC2. Target Commodify. 513 Target Capity. 2813 Target Tat. Migrs. 1813 Target Capity. 2813 Target Tat. Migrs. 1813 Capital Capital Standard 1813 Target Capity. 2813 Target Tat. Migrs. 2813 Capital Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 2813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Amer. Engle 2817 Target Tat. Migrs. 1813 Capital Standard 1813 Target Capital 1813 Target Capital 181 Target Capital 1813	224 -04 04 04 04 04 04 04 04
General (1944) General (1948) Genera	144 - 24	Sebag Capital Fd. 1915 Sebag Lincome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh That Acc. 25.1 Unvil Gh That Acc. 25.3 Shewart Unit Tat. Ma. 45, Checkotte Sq. Zelinburg Shewart American Pund Standard Units. 25.9 Willdrawal Units. 25.9 Willdrawal Units. 25.9 Willdrawal Units. 25.9 Shewart Eritish Capital Fr. Standard Units. 25.9 Target Tat. Mingre. I Accent Units. 25.9 Target Grawth St. EC2. Target Commodify. 51.7 Target Grawth 25.3 Target Eritish Capital 25.3 Target Grawth 25.3 Target Tat. Migrs. (5.1 Target Tat. Migr	224 -04 04 04 04 04 04 04 04
General (1944) General (1945) General (1946) Genera	144 - 28 144 159 149 149 149 149 149 149 149 149 149 14	Sebag Capital Fd. 1915 Sebag Lincome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh That Acc. 25.1 Unvil Gh That Acc. 25.3 Shewart Unit Tat. Ma. 45, Checkotte Sq. Zelinburg Shewart American Pund Standard Units. 25.9 Willdrawal Units. 25.9 Willdrawal Units. 25.9 Willdrawal Units. 25.9 Shewart Eritish Capital Fr. Standard Units. 25.9 Target Tat. Mingre. I Accent Units. 25.9 Target Grawth St. EC2. Target Commodify. 51.7 Target Grawth 25.3 Target Eritish Capital 25.3 Target Grawth 25.3 Target Tat. Migrs. (5.1 Target Tat. Migr	224 -04 04 04 04 04 04 04 04
General (1944) General (1945) General (1946) Genera	144 - 142 141 1591 +	Sebag Capital Fd. 1915 Sebag Lincome Fd. 1915 Security Selection L. 15.19, Lincoln's Inn Fields, Unvi Gh Tat Acc. 25.1 Unvi Gh Tat Acc. 25.3 Stewart Unit Tat. Ma. 45, Charlotte Sq. Edinburg Stewart American Pund Standard Units. 25.9 Accent Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Stewart British Capital F. Standard Units. 25.9 Stewart British Capital Fd. Standard Units. 25.9 Stewart British Capital Fd. Standard Units. 25.9 Stewart British Capital Fd. Standard Units. 25.9 Standard Units. 25.9 Target Tat. Mingrs. 18. 31, Greaham St. EC2. Target Commodify. 51.5 Target Equity. 34.3 Target Equity. 34.3 Target Equity. 34.3 Target Equity. 34.3 Target Growth Fd. 25.9 Target From 115.9 Target Growth Fd. 25.9 Target Tat. Mingrs. 17.3 Target Acce. 17.3	224 -04 04 04 04 04 04 04 04
General (1944) (Accum Daits) 24A High Income 76.0 (Accum Units) 76.2 Japan Insome 184.7 Japan Insome 1	144 - 28 144 1591 + 42 144 159	Sebag Capital Fd. 1915 Sebag Lincome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Pat Acc. 25.3 Stewart Unit Tat. 181, Unril Gh Pat Acc. 25.3 Stewart Unit Tat. 181, Stewart Linit 181, Stewart Linit 181, Stewart Linit 181, Stewart Riskh Capital Fr. Stewart Riskh Capital Fr. Stewart Riskh Capital Fr. Stewart Riskh Capital Fd. Stewart Tat. Mingrs. 1 Target Tat. Mingrs. 1 Target Commodify St. 1 Target Commodif	224 -04 04 04 04 04 04 04 04
General (Jacum Daits)	144 - 124 - 146 -	Sebag Capital Fd. 1915 Sebag Lincome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Pat Acc. 25.3 Stewart Unit Tat. 181, Unril Gh Pat Acc. 25.3 Stewart Unit Tat. 181, Stewart Linit 181, Stewart Linit 181, Stewart Linit 181, Stewart Riskh Capital Fr. Stewart Riskh Capital Fr. Stewart Riskh Capital Fr. Stewart Riskh Capital Fd. Stewart Tat. Mingrs. 1 Target Tat. Mingrs. 1 Target Commodify St. 1 Target Commodif	224 -04 04 04 04 04 04 04 04
General (Jacum Daits)	144 - 24 14 1594 + 0.2 14 1594 + 0.2 14 1594 + 0.2 14 1594 + 0.2 14 1594 + 0.2 14 1594 + 0.2 14 1594 + 0.2 14 1594 - 24 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Sebag Capital Fd. 1915 Sebag Lincome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields Unwi Gh Tat Acc. 23.1 Unwi Gh Tat And 23.3 Stewart Unit Tat. Ma. 45, Carciothe Sq. Edinburg Stewart American Pund Standard Units. 25.7 Account Units. 26.9 Withdrawal Units. 26.9 Withdrawal Units. 26.9 Stewart British Capital F. Standard Units. 26.9 Stewart British Capital Fd. Standard Units. 26.9 Stewart British Capital Fd. Standard Units. 26.9 Stewart British Capital Fd. Standard Units. 26.9 Standard Units. 26.9 Target Tat. Mingrs. 16.9 Target Grantin St. 26.7 Target Equity. 26.3 Target Equity. 26.3 Target Equity. 26.3 Target Equity. 26.3 Target Grawth 26.3 Target Grawth 26.3 Target Grawth 26.3 Target Grawth 26.3 Target Fd. 26.7 Target Tat. Migrs. 26.3 Target Acc. 26.1 Target Tat. Migrs. 27.1 Target Tristle. 27.1 Target Acc. 27.1 Target Tristle. 27.1 Target Tristle. 27.1 Target Acc. 27.1 T	224 -04 14
General (Jacum Daits)	144 - 142 141 159.4 + 0.2 141	Sebag Capital Fd. 1915 Sebag Income Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Thi Ann. 28.3 Stewart Unit Tat. Ma. 45, Checkethe Sq. Zeinburg Sewart American Fund Standard Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Stewart Eritish Capital F. Standard Units. 29.9 Stewart Ritish Capital F. Standard Units. 29.9 Target Transpill. 57.2 Target Transpill. 57.2 Target Routis. 29.3 Target Regulty. 2	224 -04 04 04 04 04 04 04 04
General (Jacum Daits)	144 - 142 141 1594 + 142 141 1594 + 142 141 1594 + 142 141 1594 + 142 141 1594 + 142 141 1594 + 142 141 1594 - 142 142 142 142 142 142 142 142 142 142	Sebag Capital Fd. 1902 Sebag Capital Fd. 1903 Sebag Canome Fd. 2015 Security Selection L. 15-19, Lincoln's Ion Fields, Unril Geh Tat Ann. 28.3 Shewart Unit Tat. 184 45, Charlotto Sq. Edinburg Seewart American Fund Standard Units	224 -04 12
General (Jacum Daits)	144 - 24	Sebag Capital Fd. 1915 Sebag Income Fd. 2015 Security Selection L. 15.19, Lincoln's Im Fields, Unril Gh Pit Acc. 25.3 Stewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Security Selection F. 45, Checkette Sq. Edinburg Securit American Fund Standard Units 59.1 Accom. Units 59.1 Accom. Units 69.9 Stewart Enish Capital F. Standard Units 69.9 Stewart Rishs Capital F. Standard Units 69.9 Target Tat. Magra. I 31, Greaten St. EC. Target Commodity 51.1 Target Equity 64.3 Target Capital 69.3 Target Tat. Magra. 12.3 Target Tat. Magra. 13.4 Target	224 -04 12
General (Jacum Daits)	144 - 12	Sebag Capital Fd. 1915 Sebag Income Fd. 2015 Security Selection L. 15.19, Lincoln's Im Fields, Unril Gh Pit Acc. 25.3 Stewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Security Selection F. 45, Checkette Sq. Edinburg Securit American Fund Standard Units 59.1 Accom. Units 59.1 Accom. Units 69.9 Stewart Enish Capital F. Standard Units 69.9 Stewart Rishs Capital F. Standard Units 69.9 Target Tat. Magra. I 31, Greaten St. EC. Target Commodity 51.1 Target Equity 64.3 Target Capital 69.3 Target Tat. Magra. 12.3 Target Tat. Magra. 13.4 Target	224 -04 12
General (January Carona Dalita) (Jacum Dalita) (Jac	144 - 24 14 1594 + 402 149 1594 + 402 149 1594 + 402 149 1594 + 402 149 1594 + 402 149 1594 + 402 149 1594 + 402 149 1594 + 402 1594 - 24 149	Sebag Capital Fd. 1915 Sebag Income Fd. 2015 Security Selection L. 15.19, Lincoln's Im Fields, Unril Gh Pit Acc. 25.3 Stewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Security Selection F. 45, Checkette Sq. Edinburg Securit American Fund Standard Units 59.1 Accom. Units 59.1 Accom. Units 69.9 Stewart Enish Capital F. Standard Units 69.9 Stewart Rishs Capital F. Standard Units 69.9 Target Tat. Magra 1 Standard Units 69.9 Target Growth Fd. 117.4 Target Transcial 57.2 Target Equity 69.3 Target Equity 69.3 Target Equity 69.3 Target Rishs 69.3 Target Rishs 69.3 Target Rishs 69.3 Target Rishs 69.3 Target Tat. Magra 69.3 Targe	224 - 04 124 1
General (1944) General (1942) General (1942) General (1942) General (1942) General (1942) General (1942) General (1943) General (1944) General (1943) General (1944) Genera	144 - 12	Sebag Capital Fd. 1915 Sebag Capital Fd. 1915 Sebag Capital Fd. 1915 Security Selection L. 15-19, Lincoln's Inn Fields, Unril Gh That Acc. 25.3 Shewart Link Inn. 25.3 Shewart Link Inn. 25.3 Shewart American Pund Shandard Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Shewart British Capital F. Standard Units. 25.9 Shewart British Capital F. San Alliance Bae. Bornsha Exp En Tax Amril. 1845.9 Vibe Family Fd. 37.2 Target Grawth St. 26.2 Target Commodify. 51.7 Target Grawth St. 25.9 Target Equity. 25.3 Target Equity. 25.3 Target Equity. 25.3 Target Grawth St. 25.3 Target Grawth St. 25.3 Target Grawth St. 25.3 Target Grawth St. 25.3 Target Grawth Fd. 17.4 Target Tax. Mgrs. (5.1 Target Tax. Mgrs. (6.1 Target	224 -04 04 04 04 04 04 04 04
General (Jacum, Dalita) 134, General (Jacum, Dalita) 134, High Income 136, General (Jacum, Dalita) 136, Japan Insome 136, Japan 136, Japan Insome 136, Japan Insome 136, Japan	144 - 12	Sebag Capital Fd. 1902 Sebag Capital Fd. 1905 Security Selection L. 15-19, Lincoln's Inn Fields, Unril Gh That Acc. 25.3 Unril Gh That Acc. 25.1 Unril Gh That Acc. 25.3 Shewart Link That May 25.3 Shewart American Pund Scandard Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Shewart Ritish Capital F. Standard Units. 25.9 Shewart Ritish Capital F. Standard Units. 25.9 Withdrawal Units. 25.9 Withdrawal Units. 25.9 Shewart Ritish Capital F. Standard Units. 25.9 Shewart Ritish Capital F. Standard Units. 25.9 Shewart Ritish Capital F. Standard Units. 25.9 Shewart Ritish Capital F. Shewart Ritish Capital F. San Alliance Bae. Bornsha Exp En Tax Amril. 184.5 Yibe Family Fd. 27.2 Target Txt. Mingrs. 18 L. Gresham St. EC2. Target Commodify. 51.7 Target Growth St. 25.9 Target Growth St. 25.9 Target Growth St. 25.9 Target Growth St. 25.9 Target Growth Fd. 27.3 Target Growth Fd. 27.3 Target Growth Fd. 27.4 Target Txt. Migrs. (5) Target Growth Fd. 27.4 Target Txt. Migrs. 19.3 Target Growth Fd. 27.4 Target Txt. Migrs. 63.9 Target Amer. Engle 26.7 Target Txt. Migrs. 63.9 Target Ame	224 -04 12
General Caccum Daits) 234.6 Caccum Daits) 234.6 Eigh Income 5.0 Caccum Units 6.5 Mencal F Managemen 5.5 Mercally Fund Managemen 5.5 Mercall Caccum 5.5 Mercall Caccum 5.5 Commodity A Gen 50 Commodity A Gen 51 Do Accum 57 English Lod 5.5 Minater Fund Managemen 5.1 Mi	144 - 124 - 144 - 145 - 146 -	Sebag Capital Fd. 1915 Sebag Capital Fd. 1915 Sebag Canome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Thi Ann. 28.3 Shewart Unit Tat. Ma. 45, Checkethe Sq. Zeinburg Sewart American Fund Standard Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Shewart Eritish Capital F. Standard Units. 29.9 Shewart Ritish Capital Fd. 27.2 Target Tat. Ann. 12.124.5 Target This. Magra. I 31. Greaten St. EC. Target Commodity. 51.5 Target Equity. 34.3 Target Thistis. 37.4 Target T	24 - 04 - 04 - 04 - 04 - 04 - 04 - 04 -
General Caccum Daits) 234.6 Caccum Daits) 234.6 Eigh Income 5.0 Caccum Units 6.5 Mencal F Managemen 5.5 Mercally Fund Managemen 5.5 Mercall Caccum 5.5 Mercall Caccum 5.5 Commodity A Gen 50 Commodity A Gen 51 Do Accum 57 English Lod 5.5 Minater Fund Managemen 5.1 Mi	144 - 124 - 144 - 145 - 146 -	Sebag Capital Fd. 1915 Sebag Capital Fd. 1915 Sebag Canome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Thi Ann. 28.3 Shewart Unit Tat. Ma. 45, Checkethe Sq. Zeinburg Sewart American Fund Standard Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Withdrawal Units. 29.9 Shewart Eritish Capital F. Standard Units. 29.9 Shewart Ritish Capital Fd. 27.2 Target Tat. Ann. 12.124.5 Target This. Magra. I 31. Greaten St. EC. Target Commodity. 51.5 Target Equity. 34.3 Target Thistis. 37.4 Target T	214 - 0.4 0.4
General (January Carona) Carona Dalita (Jacona Dalita) 234.5 Eigh Income 5.0 Geome 1.0167 36.2 Japan Income 1.02.7 Japan Income 1.0	144 - 12	Sebag Capital Fd. 1905 Sebag Capital Fd. 1905 Sebag Canome Fd. 2015 Security Selection L. 15.19, Lincoln's Inn Fields, Unril Gh Pit Acc. 25.1 Unril Gh Pit Acc. 25.3 Siewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Securit American Fund Standard Units 59.1 Account Units 59.1 Account Units 6.9 Siewart Enish Capital F. Siemarid 10015 Security Selection 19.2 Target Tat. Magra 1 Security Selection 19.2 Target Tat. Magra 1 Security Selection 19.2 Target Commodity 51.2 Target Equity 54.3 Target Tat. Magra 57.2 Target Tat. Magra 57.2 Target Tat. Magra 57.3 Target Equity 57.3 Target Tat. Magra 57.3 Target Equity 57.3 Target Equity 57.3 Target Tat. Magra 57.3 Target Equity 57.3 Target Tat. Magra 57.3 Target Equity 57.3 Target Tat. Magra 57.3 Target Ta	24 - 04 - 04 - 04 - 04 - 04 - 04 - 04 -
General (January Carona) Carona Dalita 134, Carona Unita 134, Carona Carona 134,	144 - 12 144 152 144 152 144 152 144 152 144 152 144 152 144 152 144 152 144 152 154 154 154 154 154 154 154 154 154 154	Sebag Capital Fd. 1915 Sebag Income Fd. 2015 Security Selection L. 15.19, Lincoln's Im Fields, Unril Gh Pit Acc. 25.3 Stewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Security Selection L. 25.5 Stewart Unit Tat. Ma. 45, Checkette Sq. Edinburg Security Selection Fund Standard Units 59.9 Withdrawal Units 59.9 Withdrawal Units 59.9 Stewart Rametican Fund Standard Units 59.9 Stewart Ridiah Capital F. Standard Units 59.7 Stewart Ridiah Capital F. Standard Units 59.7 Target Tat. Magra. I 31. Greaten St. EC. 34.3 Target Readity 34.4 Target Tat. Mgrs. (5.3 Ta	224 -04 04 04 04 04 04 04 04
General Caccum Daits) 234.6 Caccum Daits) 234.6 Eigh Income 5.0.2 Lacum Daits) 234.5 Light Income 5.0.2 Lacum Units) 5.0.2 Lacum Units) 5.0.3 Lacum Units) 5.0 Lacum Units) 5.1 Lacum Units) 5.3 Lacum Units 5.3 Lacum 1.3 Lacum	144 - 142 144	Sebag Capital Fd. 1905 Sebag Capital Fd. 1905 Sebag Canome Fd. 2015 Security Selection L. 15-19, Limone's Im Fields, Unril Gh Ft Ann. 28.3 Stewart Unit Tat. 84, Linei Gh Ft Ann. 28.3 Stewart Unit Tat. 84, Schewart American Fund Standard Units 59, Accum. Units 63, Stewart Risksh Capital F. Standard Units 83, Stewart Risksh Capital Fd. Standard Units 83, Stewart Risksh Capital Fd. Standard Units 83, Stewart Risksh Capital Fd. Standard Units 83, Standard Units 83, Standard Units 83, Standard Units 83, Standard Units 87, Target Tat. Magrs. 1 31, Gradam St. EC2. Target Cammodify 51, Target Equity, 54, Target Equity, 54, Target Equity, 54, Target Equity, 54, Target Cammodify 51, Target Capital 54, Target Growth Fd. 115, Target Capital 54, Target Capital 54, Target Tat. Magrs. (84, Target Tat. Magrs. (85, 19, Athol Crescent, Edin 3, Target Capital 57, Target Equity, 57, Target Tat. Magrs. (84, Target T	24 - 0.4 1
General (January Carona) Carona Dalita 134, Carona Unita 134, Carona Carona 134,	144 - 142 144	Sebag Capital Fd. 1902 Sebag Capital Fd. 1903 Sebag Capital Fd. 1905 Security Selection L. 15-19, Lincoln's Inn Fields Unvil Gh Tat Acc. 23.1 Unvil Gh Tat And 23.3 Stewart Link Ind. 25.3 Stewart American Pund Standard Units	224 -04 04 04 04 04 04 04 04

OFFSHORE AND **OVERSEAS FUNDS**

Arbuthnot Securities (C.L) Limited Keyselex Mugt. Jersey Ltd King & Shaxson Mgrs. Negit Ltd. Bank of Bermada Bidgs, Hamilton NAV April 7 ______ (5.35 _____) Capital International S.A. Phoeniz International Charterhouse Japhet

I. Paternoster Row, ECA

Adiropa. 1048-19 11-90 544

Adiropa. 1048-19 11-90 544

Adiropa. 1048-19 11-90 544

Fonda: 1048-19 11-90 6.07

Emperor Fand 50240 11-90 6.07

Emperor Fand 50240 6.10 11-90

Clima Investments (Access) 14-90 Property Growth Overseas Ltd. Cornhill Ins. (Gueroscy) Ltd. P.O. Box 187, St. Peter Port, Gueroscy Intel Man. Fd.[184.9 179.6] Royal Trust (CI) Fd. Mgt. Ltd. P.O. Box 3012, Names, Bahamas. Delta Inv. Apr. 11...|\$2.47 2.54| Beutscher Investment-Trust Postfach 2005 Riebergasse 6-10 6000 Frankfurt. Concentra. DBIP118 2858-0.19 int. Rentembrods. DBBR 9 71,15 +1.10 +1.10 -2. Laurence Pountney Hill, EOAR OHA. 11-813 4680 5052214 5052214 5051940 5051425 505129 +0.04 5055 5055 5055 First Viking Commedity Trusts
5.S. George's St. Dougles, L.M.
1889 4852, Ldn. Agis. Dunber & Co., Lid.
53. Pall Mail, London SW1751E. 01-897-887

Be Uld Co. Ta., Chi. 284 Schreder Life Group G.T. Management Ltd. Ldn. Agts. P.O. Sor 136, Hamilton 5, Bernuda Managed Fund SUS-SW LEDS SI Singer & Friedlander Ldn. Agenta Singer & Friedlander Ldn. Agenta Delatinds Delated 5.42 Tokyo Tai Mar. 20 SUS-30. 1.84 Tokyo Tai Mar. 20 SUS-30. 1.84 Standards Maragement Limited G.T. Sergusin Ltd.
Bk. of Bermuda, Frant St., Hamlin, Brada,
Berry Pac F. SUSA 55
G.T. SFd. SUSA 74 +619 G.P. Stronghold Management Limited G.T. Mgt. (Asia) Ltd. P.O. Box 315, St. Helier, Jersey Commodity Trust _ |74.60 97.58| P.O. Box 96, St. Heller, James;
P.O. Box 96, St. Heller, James;
American Ind. 78. 1277, 7.871+014
Copper Prust 1104 + 0.04
Jup. Index 192. 11124 + 1124
Jup. Index 192. 11124 + 1124

Royal Tri., Hee, Colomberts, St. Heller, Jersey
G.T. Asia Sterling, [12.46] 13.52 | 1.48

Brack of Bermann (Guernsey) List
Bury Pac Strig. [18.46] 17.24 | 1.40

Bury Pac Strig. [18.46] 17.24 | 1.40

Anchor Gill 2007 [19.75] 28.25 | 1.40

Anchor Gill 2007 [19.75] 28.25 | 1.40

Gartmore Invest. List List. Agis.

2. St. Mary Are, London, ECS. (3.23.14) 277

Gartmore Fund Singt. (Far Earl) List. Agis.

2. St. Mary Are, London, ECS. (3.23.18) 10.00

Gartmore Fund Singt. (Far Earl) List. Agis.

2. St. Mary Are, London, ECS. (3.23.18) 10.00

Gartmore Fund Singt. (Far Earl) List. Agis.

2. St. Mary Are, London, ECS. (3.23.18) 10.00

Gartmore Fund Singt. (Far Earl) List. Base Fund Singt

Henderson Baring Fund Mgrs, 14d, pc. 18d, pc. 18

Javelin Equity Tel. SL 91

J.E.T. Managers (Jersey) Ltd.

S. G. Warburg & Co. Ltd.

PO Box 194, Boysl Int. Hee. Jersey8252 27441

Jersey Extral Tel. 163.0 122.8

As at Mer. 31, Next sub. day Apr. 28.

Jardine Fleming & Co. Ltd.

SEREY948 3.18

Jardine Flem. 151.7

SEREY948 3.18

Warburg Invest. Magt. Jrsy. Ltd.

Warburg Invest. Magt. Jrsy. Ltd.

Warburg Invest. Magt. Jrsy. Ltd.

CMF Ltd. March 30, S1312.8

Jardine Flem. 151.7

NAV Mar. 31. "Populyalent SUSSES.

NAV Mar. 31. "Populyalent SUSSES.

NAV Mar. 31. "Populyalent SUSSES.

NAT Mar. 9. S1312.8

Kenny-Gee Management Jersey Ltd.

Tatt Ltd. March 30, S1312.8

Tatt

Kemp-Gee Management Jersey Lid.

1. Charing Cross, St. Helier, Jersey, 0824 78741

Kemp-Gee Capital, 381.

65.7 527 World Wide Growth Management

Kemp-Gee Lacome, 66.1 65.2 527 Worldwide Cib Fol. 5USILL6 1+0.02 —

United States Tst. Intl. Adv. Co.

Waltering Cross, St. Reiler, Jay. Ct. 9534 73741*
Cast Lid. March 30, 833125. 1254
Cast Lid. March 30, 813194. 13.77
Maisfret. March 36 121.84
13.77
TMT Mer. 8. 673418. 425
TMT Lid. Mar 9. 879.28
59.58

Prices do not include 5 premium, except where indicated 4, and are in peace unless otherwise indicated. Yields % ishown in last column allow for all buying expenses. a Offered prices include all expenses. b To-day's prices, c Yield based on offer price d Estimated, g To-day's opening price h Distribution free of U.E. targe p Periodic premium insurance pana. a Single premium insurance, I Offered price includes all expenses except agent's commission, y Offered price includes all expenses in thought through managers. a Previous day's pures \(\psi\) Not of tax on realised capital gains unless indicated by 6, ¶ Guernsey gross, \$ Suspended, \$ Yield before Jersey fax. † Ex-subdivision.

I.G. Index Limited 01-351 3466. Three month Copper 707.3-713.2 23 Lamont Road, London, SW10 OHS.

1. Tax-free trading on commodity futures

2. The commodity futures market for the smaller investor

CLIVE INVESTMENTS LIMITED 1 Royal Exchange Ave., London EC3V 3LU. Tel.: 01-283 1101. Index Guide as at 11th April, 1978 (Base 190 at 141.77.) CORAL INDEX: Close 446-451

INSURANCE BASE RATES

FINANCIAL TIMES STOCK INDICES								
	Apr.	Apr.	Apr.	Apr.	10 10	Apr.	W lest	
Government Secs	71.60	71,53	72.75	73.60	73.92	78.95	68.94	
Fixed Interest	75.13	75.81	78.49	77.03	77.25	77.42	59.73	
Industrial Ordinary	447.4	452.9	460.2	470.4	463.3	.467.1	416.5	
Gold Mines	147.0	150.8	151.4	252.3	150.7	153,0	120.8	
Ord, Div. Yield	6.01	. 5,95	5.87	5.75	5.82	6.77	5.49	
Barnings Y'id (inil)(*)	17.69	17.38	17.14	16.80	16,99	16.86	16,79	
P/E Ratio (net)(*†)	7,80	7.94	8.05	8.21	8.12	8.18	8.73	
Dealings marked	4,930	.5,820	5,180	4,244	4,662	4,971	4,937	
Equity turnover £m	-	80.47	78.71	42.10	48,19	65.02	62,28	
Equiry bargains total	- 1	14,785	14,425	10,518	11,102	11,522	12,559	

Basis 10 Mines 12/8/	O GOVL S. SE	on 52 p Secs. 15 ectivity	/10/94 · F	ixed int. 1943.	1828. Ind. Or	d. 1/7/3	is. Gold
	19	78	Since Co.	mpilation	67		Apr.
-	High	Low	- High	Low.		Δμr 14	13
Govt. Sees	78.58 (3/1)	71.50 (14/4)	127.4 (8/1/36)	49.18 Ø/1/75)	-Duity Gih-Büged Industries	177,9 170.6	209,1
Fixed Int	81.27 (9/1)	75.13 (13/4	150.4 (28/11/47)	50.53 (3/1/15)	Speculative	33.9 119.2	50.8 152.5
Ind. Ord	497.8 (6/1)	433.4 (243)	549.2° (14/9/77)	49,4 (26/6/40)	6-day Av rage Gilt-Edged Industrials	185.1 170.9	185.7 170.7
Gold Mines.	168.6 (8,3)	130.3 (b/l)	442.3	43.5 (26/10/71)	Speculative Total	31.7	30.9
CIM A		AT 1	TIME	E ET	OCK IN	DIC	ES

Gold Mines. 158.5 (8,3)	(p/J)	(22/6/75	(26,10/7	l) Tota		113.1	113.2
FINANCIAL TIMES STOCK INDICES							
	Apr.	April 13		April	April i0	7	A Year ago
Industrial Group	194,13	195.85	199.07	202.76	200.95	202.17	166.14
. 500 Shares		815.84	819.88	223.13	221.36	222.4B	190.11
Div. Yield po	6.84						
P/E Ratio (net)	. 7.61				7.87		
All Shares	198.45	199.82	203.18	206.41	205.19	206.20	175.41

18. Canyrige Road, Sr J-way Mar. 18. Equity Mar. 18. Brook Mar. 18. Property Mar. 18. Deport Mar. 18. J-way Pos. Mar. 16. O'ceas Inv. Mar. 16. Ms. Pr.3. W. Apr. 3. Do. Scottly Apr. 3. Do. Brook Apr. 3. Do. Prop. Apr. 3 Vanbrugh Life Assurance
il-3 Maddor S. Ldn. WIR R.A. 01-189 463
Managed Pd. 129.9 147.3 +0.11 —
Equity Fd. 272.2 224.1 —
Intail Fund 942 94.2 +1.3 —
Fixed Inters Fd. 152.8 171.4 -0.2 —
Froperty Fd. 173.8 166.2 —
Cash Pand 117.2 123.4 — Vanbrugh Pensions Limited Valuation of Technology Admired
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
44-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01-690 4923
45-51 Maddor St. Ldn. W18 94. 4 01 Gustrateed see 'Ing. Bese Rates' table. Welfare Insurance Co, Lid. The Leas, Folkestone, Rent. 0003 57553 Moneymaker Pd. ... 995 | +0.4 | — For other finds, please refer to The London & Manchester Group.

	Confederation Funds Mgt. Ltd. (a) 50 Chancery Lane, WCZA 1HE 01-942 0982 Growth Fund	Do Accum. 1820 187 645 Bquity Exempt 1820 187 645 Do Accum. 1820 187 645 "Prices at Mar. 31. Next dealing April
	Cosmopolitan Fund Managers.	Minster Fund Managers Ltd. Minster Hae, Arthur St. E.C.A. 01-52
	Consepon Ch.Ft. 165 17.5	Minister Apr. 2 33.7 36.7 Exempt Mar. 31 57.9 71.5
	4 Melville Cres., Edinburgh 3. 031-226-4081	MLA Unit Trust Mgenut. Ltd. Old Queen Street, SW1H2JG. 01-630
	Cres Internet 1 537 57.6 +0.7 0.50 Cres Bigh Dist 40.5 44.5 -0.1 9.27	Mila Units 75.5 37.4 -1.24 Mutual Unit Trust Managers (
	Cres. Reserves	15 Copthall Ave., ECZE 78U. 61-60 Muhusi Sec. Pins. 473 513 -03
	22 Mondield St. ECZM 7A1. 01-538 4483 Disc Income	Hubral Sec Pins 47.3 51.1 -0.1 Hubral Inc. Tec. 63.5 67.75 -1.7 Hubral Bine Chip. 39.7 43.4 -0.1 Mutual Bigh Yld 55.8 60.8 +0.2
ĺ	E. F. Winchester Fund Mugt. Ltd.	National and Commercial 31, St. Andrew Square, Edinburgh (S1-55)
	Old Jewry, EC2 01-606 2167 Great Winchester	/Accum 1 1998 227.2
	Kenson & Dudley Tst, Magmat. Ltd.	Capt Abr. 5 120.2 124.6 (Account, Units) 146.2 151.6
	20, Arlington St., S.W.L. 01-430 7351 Environ Dudley Tat., 144.7 14.1ad	National Provident Inv. Magra. 1 48. Gracechurch St., EC2P SHE 01-62
	Equitas Secs. Ltd. V(a)(g)	N.P.I. Geb. Un. Tw. 44.7 47.6
	41 Bishopegate, EC2 01.568 2851 Progressive[51.9 65.3] +0.1] 436	NPI O'seas. Trust
	Equity & Law Un. Tr. M.V (a)(b)(c)	National Westminster (2)
	American Rd., High Wycimbe. 0694 20377 Equity & Law 80.4 50.5rd -0.3 4.50	161, Chespeide, ECTV 6EU. 01-005 8080. Capital (Accum.) 50.3 44.9 -0.1 Extra Inc. 53.6 68.4 -0.5
	Framlington Unit Mgt. Ltd. (a) 5-7, beland Yard, ECCE 5DH. 01.348 6071	Financial
	Capital Tet. 106.8 113.6m 4.28	Grown 107 125 Not -0.2 Income 255 Not -0.2 Portion Inv. Fd. 56.0 69.5 -0.3 Universal Fd.(d) 54.3 SA4 +0.7 NET. Trust Managers Ltd. 9 (a) 6
	let Growth Fd. 97.4 183.4 7.46 Do Aseum 99.8 186.0 2.48	TATION TIME NAMED 1 5-15
	Friends' Provdt. Unit Tr. Mgrs. 9	Militon Court, Dorking, Sparcy. Nelstar Nelstar High Inc. 47.5 97.54 -0.1
	Priesds Prov. Uts. D9.9 424 -0.1 4.52 Do. Accust. 50.7 542 -0.1 4.52	For New Court Pand Managers L. see Rathschild Asset Managemen
	CT Trait Mountains T to 10	Nerwich Union Insurance Group P.O. Box 4 Norwich NRI ING. 0808
		TANKE THURSDAY

4.50 4.50 4.50 4.50 4.50 4.50 4.50 4.50	161, Cheapaide, ECZV 6EU. 01-006 6050. Capital (Accum). 1623. Extra Inc. 1625. Financial. 35.7 34.2 533 Gnowth Inv. 1645. 34.2 533 Income 155.5 54.8 -0.2 6.90 Particiso Inv. Fd. 45.5 64.5 -0.2 6.90 Particiso Inv. Fd. 45.5 64.5 -0.2 5.71 Universal Fd.(d). 34.3 54.4 -0.7 2.37	Do. Ascum. 79.9 428 - 0.3 10.56 Pinancial Priv 15:2 163 - 0.1 471 Do. Ascum. 10.5 19.8 - 0.1 471 High Inc. Priority 51.1 62.4 - 0.2 8.37 International 29.0 1.1 + 0.5 3.19 TSB Unit Trusts (y)
7.46 7.46 2.48	NEL Trust Managers Ltd. (2)(g)	21, Chantry Way, Andover, Rants. 0254 62188
5086	Militon Court, Derking, Sparey. 5511 Nelstar, 566 9454 -0.1 5.45 Nelstar, 566 1954 -0.1 8.92	Dealings to 0264 63472.2 (b)TSB General 424 443 +0.1 3.89 (b) Do. Accam 524 56.1 +0.1 3.89 (b) TSB Income 57.3 61.0 -0.1 7.27
12 12	For New Court Pand Managers Ltd. see Rathschild Asset Management	(b) TSB Income 57.3 61.0 -0.1 7.27 (b) Do. Accum 58.4 62.2 -0.1 7.27 TSB Scottish 78.4 52.2 -0.1 2.95 (b) Do. Accum 78.9 85.0 +0.8 2.95
8131 4.00	Nerwich Union Insurance Group (b) P.O. Ben 4. Nerwich MRI ING. 0608 22200 Group Tat. Feb. 1315.3 331.94 -0.8 5.47	Ulster Bank (a) Waring Street, Bailinst. 0232 32321 (b) Mister Growth [95.0 37.7] -0.2 5.45
4.00 8.40 2.20 1.00	Pearl Trust Managers Ltd. (2)(g)(2) 252 High Helbern, WCIV 7EB 01-65-841 Pani Growth Fd	Unit Trust Account & Mgmt. Ltd. King William St. EC4R 9AR 01-633 4951
4.80	Account Units 24.9 -0.1 5.38	Wester Grits Food. 20.3 29.84 4.53 Do. Accom 32.7 34.5 4.53
	Pallana Units Admin, Ltd. (g)(x)	Wieler Grewth Fund

₩G. & A. Trest (2) (g)

Property Growth 8 % Vanbrugh Guaranteed 7.75% 7.45% Address shown under Insurance and Property Bond Table.

Financial Times Monday April 17 1978

HOTELS—Continued Stock Price E Net Cur Grs P/E

> INDUSTRIALS (Miscel.)

HOTELS AND CATERERS

FINANCIALTIMES

Monday April 17 1978

CONTRACTORS WHO CARE

R Rush & Tompkins Builders & Civil Engineers

pact with **Ireland** expected

BY GILES MERRITT

May 26.

Transport and General yesterday that serious consideration would be given to any plant will be urging the action ments will announce soon an plant will be urging the action of co-operation pact that should have far-reaching implications for the development of Ulster.

A report that sets out areas of strish Leyland at least the Confederation of Shinbuild.

May 26.

Transport and General yesterday that serious consideration would be given to any appeal by Speke shop stewards thin would be given to any appeal by Speke from the company's other for a series of strikes at British Leyland.

Mir. Terry Duffy, the Amalgative manded Union of Engineering works are also likely on the size of redundancy payments on which British the Confederation of Shinbuild.

Transport and General yesterday that serious consideration would be given to any appeal by Speke shop stewards this company's other for a series of strikes at British Leyland.

Mir. Terry Duffy, the Amalgative mated Union of Engineering works are also likely on the size of redundancy payments on which British the Confederation of Shinbuild.

Northern Ireland and the South has been submitted for the the car assembly and body approval of Mr. Callaghan and building plants at Speke.

Mr. Jack Lynch, the Irish Prime The executive of the national Minister. In spite of the present deterioration in Anglo-Irish relations due to disagreement over the the next fortnight to discuss until April 24.

Uister, it is expected that the document will be announced to in the position.

Northern Ireland and the South to introduce new work into both ing and Engineering Unions was almost certain to give the Speke yesterday that the size of the workers official backing after the payments had had some effect on the week-end vote. On the week-end vote against deferred its decision on Speke shop stewards said workers official backing after the payments had had some effect on the week-end vote. On the week-end vote against the confideration last week compulsory redundancies.

Wr. Grenville Hawley, national the position.

Mr. Grenville Hawley, national the location of the size of the payments had had some effect on the week-end vote. On the week-end vote against the confideration last week compulsory redundancies.

Mr. Grenville Hawley, national the location of the payments had had some effect on the week-end vote. On the week-end vote against the confideration last week compulsory redundancies.

Mr. Grenville Hawley, national the location of the payments had had some effect on the week-end vote. On the week-end vote against the payments had had some effect on the week-end vote. On the week-end vote against the week compulsory redundancies.

Mr. Grenville Hawley, national the location of the payments had had some effect on the week-end vote. On the week-end vote against the payments had had some effect on the week-end vote. On the week-end vote against the week end vote. On the week-end vote against the payments had had some effect on the week-end vote. On the week-end vote against the week end vote. On the week-end vote against the payments had had some effect on the week-end

The report may be unveiled in Dublin if Mr. Roy Mason, the Ulster Secretary, visits the Irish capital next month for a meeting with Mr. Michael O'Kennedy, the Irish Foreign Minister, that was postponed just before Easter.

Officials in both Dublin and Belfast are concerned to play down the implications of the report for fear that it will arouse political sensitivities, particularly among Ulster Unionists.

But they say that acceptance of its proposals by both governto a wide variety of cross-border projects and joint ventures.

The Anglo-Irish study was and survisitated by Mr. Callaghan and Strategy.

Mr. Lynch when they met in Liberal London last September, and its findings are divided into four broad categories:

come from Ulster.

iron out anomalies created by unrelated planning on the two sides of the horder and would create more efficient North-South road and rail links.

In the past, the emphasis in Dublin and Belfast has been more on links with Britain. 4-Customs harmonisation and the streamlining of pro-cedures that at present add an average 12 hours to the 3-4 hour Dublin freight trip.

Only last week the Irish Grain Board said that this "admini-strative muddle" was seriously jeopardising the Republic's grain exports to Ulster, worth £10m. a year.

Few benefits

to a new guideline.

percentages.

unfettered by any norms or

unions will not act responsibly.

Responsibility is not the mono-

poly of the Government or of the General Council of the TUC."

Mr. Evans, who will detail his

from the Labour movement.

BY RAY PERMAN, SCOTTISH CORRESPONDENT

"But that does not mean Continued from Page 1

Economic Stewards try again to rescue Speke

hauliers and other groups, is to transferred from Speke to other with British Leyland were essenbe urged against British Ley- plants unless arrangements made tial.

land's plan to shut its car on Merseyside satisfy the National union officials will assembly plant at Speke on workers. Mr. Derek Robinson, again press the company to post-

A report that sets out areas stewards will redouble attempts the motor industry, said that Leyland has indicate for joint action, notably between to force British Leyland at least the Confederation of Shipbuild-pared to negotiate. Northern Ireland and the South to introduce new work into both ing and Engineering Unions was Some Speke shop:

the committee's chairman, said pone the closure date and

A CO-ORDINATED national pro- The committee has agreed that automotive secretary for the gramme involving dockers, road no work on the TR7 will be TGWU, said that further talks

Some Speke shop stewards said

Labour confidence grows over first Budget vote

BY PHILIP RAWSTORNE

THE COVERNMENT, bolstered Left-wing threat with considerby growing signs of a revival in ably less concern than the prosLabour's electoral support, is pect of Tory and Liberal attempts week-end that top tax rates,
confident of winning the first to increase tax reliefs during the where further reliefs would be
Commons vote on the Budget tonight by a comfortable majority
and surviving later attacks on its
where to direct the main thrust
by growing signs of a revival in ably less concern than the prosLiberal attempts week-end that top tax rates,
less costly, would be the party's
prime target.

Mr. Jermey Thorpe, the former
Liberal leader, hinted at the
less costly, would be the party's
and surviving later attacks on its
where to direct the main thrust
Ministers also believe that the
of their amendments—towards prospects of a Tory-Liberal
cuts in the standard rate an ex-

1—North-South co-operation on industrial projects and pro- embarrassment by blocking a tax reductions would be forced trade. Only about 4 per cent. of the Republic imports and pro- labour Left-wing move to vote warnings that it might be pushed into a General Election.

A void the threat of some political referrated yesterday that rurtner tions.

Government resistance has through in spite of Government undoubtedly been stiffened by warnings that it might be pushed the post-Budget opinion polis, with the control of the Republic imports.

Mr. George Thomas, the Speaker, is expected to reject a request from about 30 Tribune

The tactics were also given the

Ministers also seem likely to economic spokesman, firmly National Insurance contributional industrial projects and avoid the threat of some political relief and the further tions.

Liberal MPs, in spite of their cuts in the standard rate, an exalliance inflicting severe damage demands for greater tax cuts, tension of the lower band, or on the Budget strategy may be will support the Government in further reliefs in the middle and contained by their warning that resisting the Tory challenge to higher income range.

Mr. John Pardoe, the party's from increases in employers'

Budget has been generally popular, but that Labour's elec-

2—Energy co-operation under which Ulster's anticipated electricity surplus in the 1980s could be sold to the South, or perhaps exchanged against the Republic's natural gas from the extensive Kinsale Head field.

In addition to the re-opening of the 300 MW interconnector between Ulster and the Republic damaged by the IRA, the report considers a cross-channel inter - connection between Ireland and Britain.

3—Transport and infrastructural co-operation, which would from out anomalies created by in the 1980s and the average paid workers in the system of the sound to the report connection between Ireland and Britain.

3—Transport and infrastructural co-operation, which would from out anomalies created by in the 1980s of 255,000 a year," he sound and the report connection out anomalies created by in the 1980s of 255,000 a year," he sound the Russer of the Statute Book—will be and the reconnection between Ireland and Britain.

3—Transport and infrastructural co-operation, which would from out anomalies created by in the 1980s of 255,000 a year," he sound the sex expected to reject to re

Union growth main achievement of last four years, says Benn

BY PHILIP BASSETT, LABOUR STAFF

conference of the Institute for of Mineworkers as a whole. tion by the working class.

Workers' Control at Sheffield Mr. Arthur Skargill, Yorkshire Long term future, Page 6 that relationship between the With the exception of customs procedures, which it is expected can be reorganised before the end of this year, the Angloirish labour Government.

People were seeing the need

can be reorganised before the end of this year, the Anglo-Irish pact will yield few immediate benefits.

Instead, it will initiate a number of feasibility studies into major cross-border projects that would help broaden Ulster's Labour Government.

People were seeing the need for union organisation at income levels of £10,000 to £20,000— unthinkable 15 years ago.

No substitute existed for strong trade unionism in dealing would help broaden Ulster's with plant closures. Trade

investment, public accountability February.

Hint of pay claim moderation

IT IS BECOMING clear that the 35-hour week and early retire ment were elected it would be a Government can expect modera ment as a means of creating new disaster for Britain.

tion from the unions in the next jobs to reduce unemployment. "It will be part of our cam"We recognise the importance paign to tell our members to

crucial pre-election pay round— of making a complete economic bargain freely with their

provided it does not try to secure recovery, and to do that it is employers.

a formal deal or strict adherence necessary to have a Labour "It will be up to them to

Mr. Moss Evans, the new leader of the Transport and General Workers' Union, said vesterday that he wanted a return to normal pay bargaining, unfettered he are the control of the TGWU, because norms or percentages for them we believe that if a Tory Govern—to follow."

Earnings limit

Mr. Evans, who will detail ms uniou's position at the Scottish TUC conference in Aberdeen this week, spoke approvingly of the movement in the Budget increase in living standards. The February index for countries with which Britain had which had been made without average earnings, and the March to compete, and would be the key any suggestion of a quid pro our figures for hasis ware rates and to the inflation rate next year.

any suggestion of a quid pro quo figures for basic wage rates and to the inflation rate next year.

from the Labour movement.

More measures including to be published on Wednesday will also be highlighted by selective import controls, would be needed. The transport workers would ask the Government, in its role as an employer.

Selective import controls, would line importance with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery with a sharp of increase in wage casts during nifecult recovery.

ment, in its role as an employer, of increase in wage costs during nificant recovery, with a sharp to take a lead in introducing a the coming year, to prevent a rise in the sales of durable goods.

TRADE UNION growth was the and public ownership was the president of the National Union most important achievement of only alternative to rearmament of Mineworkers, had argued the past four years. Mr. Tony Mr. Benn was strongly in earlier against workers' control.

Mr. Benn was strongly in earlier against workers' control Benn, Energy Secretary, said favour of workers' control in the It was, in effect, the castration yesterday.

Mr. Benn told the tenth annual accepted in the National Union meant, in effect, total collaboration by the working class.

Egg surplus warning

BY CHRISTOPHER PARKES

presat rate, the Eggs Authority, February.
said yesterday. Consumers on The whole Common Market
the other hand, could benefit egg industry appears to be well from a glut of cheap eggs.

The authority, the poultry industry's advisory body, issued its Government sees it as a step towards federal reunification of the slump of the 1930s was second warning of the year to towards federal reunification of Ireland.

The slump of the 1930s was second warning of the year to ended only by rearming for war, egg producers, who appear to and the Socialist chase for public have ignored the first, given in

decide whether they are acting

POULTRY FARMERS will find The number of chicks placed themselves in economic difficul- on U.K. farms in January was ties net winter if they carry on 7.5 per cent. higher than a year buying in young chicks at the ago. Placings rose 4 per cent. in

> on the way to a surplus.
> Goldenlay, an egg marketing consortium, has already detected sharpening competition in the EEC market and in the Middle East — a valued outlet for Europe's surpluses.

> > Weather

U.K. TO-DAY GENERALLY DRY and cloudy.

London, Cent. S. England,

I, of Man, N. Irelaud

HOLIDAY RESORTS

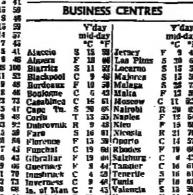
E., N.W., Cent. N., N.E. England. Lakes, Borders, Edinburgh, Dun-dee, S.W. Scotland, Glasgow Dry, rather cloudy. Max. 100

Midlands
Dry, rather cloudy; sunny
intervals. Max. 11C (52F).
S.E. England E. Anglia
Sunny intervals, isolated
showers. Max. 10C (50F).
Channel Is., S.W. England, Wales, Aberdeen, Highlands Moray Firth, N.E. Scotland Dry, rather cloudy. Max- 80

Argyll, N.W. Scotland Dry, rather cloudy. Max, 90 Dry, sunny intervals. Max. 12C (48F).

> Orkney, Shetland Mostly cloudy, rain in places. Max. 7C (45F).

Outlook: Cold and showery.



Restraint by Third World shipyards sought

By lan Hargreaves,

EASIER CREDIT for ship exports and a plan for some co-operation from developing countries in the face of the world shipbuilding slump will be considered in Paris this week.

A meeting starting to-day of the Organisation for Economic Co-operation and Development's working party on ship-building will also give Euro-pean members an opportunity to question Japan about its stated plans to cut the capacity of its shipyards.

of its shipyards.

The plan for easier credit on ship sales suggests that shipyards should be allowed similar OECD credit terms to those available to aircraft manufacturers—85 per cent, credit repayable over 10 years instead of only 70 per cent, over seven years. It would have widespread support among shipyards.

Shipowners would stand to gain from any easing of credit. but would have reservations about providing stimulus to demand at a time when there is gross and long-term overcapa-city in virtually every sector

There is more agreement on the need to involve so-called Third World countries in the OECD's strategy on shipbuild-ing, but little common ground so far on how this should be

South Korea

The OECD countries fear that unless yards in developing nations can be persuaded to nations can be persuaged to curtail their expansion plans and increasingly aggressive marketing, any reduction of facilities in the West and Japan would simply be exploited by third countries.

Countries outside the West and Japan accounted for 21 per cent. of new orders last year. South Korea, the biggest threat, came second behind only Japan with almost 6 per cent. of the total according to recent Lloyd's Register figures. A report last week by Lon-don consultants H. P. Drewry put the OECD yards' average orderbook at a mere 14 months. against Third World countries'

The Japanese, however, are more chary than the Europeans about any blunt OECD approach to third countries, with whom Japan is keen to foster diplomatic and

European move

Among measures to be discussed by the working party this week are an attempt to get third countries to adopt OECD export credit guide-lines on ships, and possibly a move to gain acceptance for the organisation's rules for State aid to shipbuilding.

There has not been a full meeting of the working party sluce the Shiphuilders' Association of Japan announced in January that Its members would cut their yards' capacity by up to half by the end of next year if Government aid was available to cover the transition costs. European delegates will be

seeking to establish the permanence of the proposed cuts and will in turn he called upon to demonstrate their own progress in reducing capacity. Although many European countries have announced scaling down programmes of between 30 and 50 per cent. few have actually succeeded in implementing them.

THE LEX COLUMN

The countdown for London options

This Friday brings the first-day of trading on the new Lon-don market in traded options. Its supporters do not expect that in the early stages it will be anything more than a modest success, and its opponents say that it will be a humiliating flop. But until two questions have been resolved, the likely outcome is pure speculation. Will the dealing system in London— which is unlike that of any other established options exchange lead to a fair and efficient market? And will the public participate?

Options markets, unless care fully controlled, lend themselves

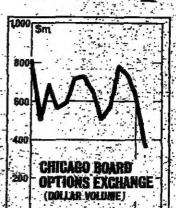
Disadvantages

especially vulnerable to the to detect hanky panky in a cen- of persuasion. In addition, the practices which have so tralised market like. London current market climate is most offended the SEC. Many of its than it is in the U.S. where unfavourable. Falling share disadvantages arise from the shares and options are being prices have knocked volume in fact that after years of debate, dealt in all over the place. No Chicago back sharply this yearfact that after years of depate, cowboys will be able to walk in chicago oacs snarply uns year-the system that has emerged is cowboys will be able to walk in and put options are permitted very much of a compromise from the streets since the floor Whereas Amsterdam splashed is confined to Stock Exchange in London. out £3m. on a brand new trad members. For every winner in ing floor, London's investment options there is also a loser and Prime requirement

Board dealer, who acts as a great Board dealer, who acts as a custodian for all public limit orders. In Amsterdam, this official is an employee of the Exchange and is forbidden to take a position, but in London he will be a member of a firm of jobbers (which may also be making a market in the undertaken a position are not than that to cover, the amire of jobbers (which may also be little effort has been made to Brokers and jobbers say that

system will lead to endless con- and because a sufficient number the leading participants in the flicts of interest, the more so of its opponents became scaped options market are prepared to because in the U.K. details of that London might lose inter admit privately that its chances the most recent trade in the national business in the under of being more than a minor disunderlying security are not dis lying securities which, they traction are not much better closed, as they are in the U.S. felt, might be sucked across to than even. In any event, the But the dangers are probably the continent by the European market is going to need more more apparent than real.

The jobbers argue that any With some exceptions the run-lise if



manipulation. An option attempt to run their options will help, of rourse, but untions represents the right to buy a book in harmony with their post- are not for the leadilve small share at some future date, and tion in the underlying security investor, and there is no trailsmall changes in the price of would be a recipe for disaster, tion in the U.K. of the lift boy the underlying security can since whatever happens they are being an active player. have a dramatic impact on its obliged to go on making a mar, market. The Stock Ex value. In the U.S. the Securit ket. They can be long of a rightly has gone out at ties and Exchange Commission stock at one moment and short to ensure that everyone thows has reported a stream of abuses the next-and unless they could the risks, clients have to give a over the last couple of years, continuously monitor the two signed letter of authority to and has placed a moratorium books (which they can't) they their brokers and a formidable on any further expansion of would be horribly expassed if document it is too. their stance in the options Among the institutions the

in terms of hardware runs to no one is going to tolerate the no more than a few thousand tac men signalling from one. In the SECs view, active marnounds.

puple not have much in the way of gilts or new issue business. Blue bloods like Casenove, Rowe and Pitman, or Hoare Govern have stayed in the background.

No one is going to get killed

lorm

in the rush on Fifthey. The capital gains, tex rules are in enormous hurdle for the private investor, Options are treated as a wasting asset, which means that a buyer can make a loss and still baye to pay tax he seller too, can be stong it he wants to close out his position.

Last week's tax conc

market was geared to what unit trusts for the moment at Disadvantages might be only a momentary post least are not allowed to deal.

Superficially, at least, the tion in the underlying stock and trustees of some other ondon dealing system looks Moreover it ought to be easier funds are going to require a lot there, which they will not be

As a result, dealings in the abuses. The occasional attempt requirement of a health. option will be taking place on the same floor but not in the timed willingness of the conthere are, the parrower the lying security. Supervising bers to deal with each other, spreads, because there is less each trading post will be a creek risks are bigger. On a good day

making a market in the undertell people what they are all Brokers and loopers say may
lying security) and he will be
about The market has come into options market takes off, but into able to trade on his own being largely because its sup-options market takes off, but into porters were looking for ways is a real chicken and eeg stgu-Its critics claim that this of replacing lost equity business, ment. As things stand; some of than a few months to establish

'Ours only eat work' say KIENZLE

High Speed Invoicing, Sales/Purchase and Nominal Ledgers, Payroll, Automatic Stock Control Management Figures.

All so simple on the

Are you making a meal of your accounts? Are you late with invoicing, statements and monthly summaries? Remember - increase the staff and you increase the overheads. More problems, more costs to nibble at the profits!

Kienzle have the answer

Switch over now to the Kieuzle 2000 Office Compu This self contained, desk size model eats work. It will earn its keep and help keep you solvent. Yours could be running in your office two months from today!

Low cost Kienzle - under £10,000 At £55 a week on rental this Kienzle costs less than a clerk. It takes no holidays, doesn't need lunch or teabreaks, is clean, quiet, absolutely trustworthy and has no relations to bury during test matches. If you buy, it's under £10,000. Very reasonable.

Free Systems The Kienzle comes complete with your program. Kienzle Data Systems, 224 Bath Rd., Slough SLI 4DS or send in the coupon. Tel Slough 33355 Telex 848535 KIENZL G

Branches also at Birmingham, Bristol, Bury St. Edmunds, Manchest Tonbridge, Washington,

are full of nourishing facts, ideas and seasoned experience. Gall us now

to you before you place your order!-

Visit some Kiende users in your area. Ask

Get your teeth into our brochures, they

Easy to use

and make it work

See for yourself

Read the Menu!

package. The system is developed to suit your company and actual programmes are demonstrated We'll train your present staff how to push the keys questions, get answers-all without obligation,

tubon claims